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ABSTRACT

The 1987/88 edition of the Institute of International Education's annual publication enumerating the foreign student population in the United States is presented. Campus officials provided institutional totals of foreign students in the categories of country of origin and academic and personal characteristics. This source of information on the broad characteristics of foreign students is very complete since it is based on almost the entire foreign student population (with a response rate to the survey of 99.5%). Four parts focus on the following: (1) the annual census of foreign students in the U.S. (overview of foreign study, geographic region, academic characteristics, personal characteristics, distribution by U.S. region and state, distribution in two- and four-year institutions, distribution in public and private institutions, institutions with most foreign students, and foreign students by academic level); (2) cost of living expenditures by foreign students in the U.S.; (3) intensive English language programs, and (4) eight appendices. The appendices feature: foreign student enrollment by institution; country or other place of origin of foreign students; fields of study; countries or other places by region and subregion; states within U.S. region; response rate; survey materials; and foreign student enrollments in intensive English language programs. (SM)

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INSTITUTE OF INTERNATIONAL EDUCATION

OPEN DOORS: 1987/88

Report on International Educational Exchange

MARIANTHI ZIKOPOULOS, EDITOR

The Institute gratefully acknowledges special grant
support from the United States Information Agency for
the implementation of the Annual Census of Foreign Students
and the production of *Open Doors*

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The Institute of International Education (IIE) was founded in 1919 to promote peace and understanding through cultural and educational exchanges. Over the next 25 years, IIE brought foreign scholars to lecture in U.S. universities, developed exchange programs with Europe and Latin America, and began to publish studies and reports on international educational cooperation. In 1946, it undertook the administration of the Fulbright Program, which has sponsored over 80,000 individuals to date.

At present IIE is the largest and most active not-for-profit organization in the field of international educational exchange. It administers numerous programs on behalf of governments, foundations, corporations, universities, binational centers, and international organizations. Each year it helps 9,000 individuals to participate in these sponsored programs and in IIE's international host activities. IIE reaches an additional 200,000 individuals annually through its educational services, which are made possible through contributions and grants to IIE. These services include free information and counseling, a research and reference library, conferences and seminars, and publications relating to the field of international education.

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DEFINITIONS IN USE THROUGHOUT THIS BOOK

Foreign Student. A foreign student is defined as anyone who is enrolled in courses at institutions of higher education in the United States who is not a citizen or an immigrant (permanent resident). Persons with refugee status are included.

F Visa. A F visa is a student visa granted to bona fide students who satisfy requirements for pursuing a full program of study at a U.S. academic institution which admits foreign students; who enter the United States for a temporary stay and solely to study; and who have permanent residence in foreign countries that they have no intention of abandoning.

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M Visa. A M visa is issued to students enrolling in a vocational training course (other than English language training) in the United States.

Higher Education. In respect to the United States, "higher education" is used to describe the group of colleges and universities listed in the HEP 1986 *Higher Education Directory*, Higher Educations Publications, Inc., Washington, DC ISBN 0-914927-04-3.

Fields of Study. The fields of study used in this book are those from *A Classification of Instructional Programs*, published by the National Center for Education Statistics (NCES). See *Appendix 3* for the list of fields and subfields.

World Regions. The major world regions, and the subregions, countries, territories and other places of origin within each world region are presented in *Appendix A4*.

GUIDELINES FOR THE RELEASE OF CENSUS DATA

Reports based on Census data are available to individuals, agencies, or corporations for clearly identified purposes of scholarly research, public information, or recruitment.

Reports will be produced for recruitment purposes only when the employer has indicated that: the openings are for employment in the students' home countries or, in some instances, home regions; students' obligations to the sponsors of their U.S. study and/or to their own governments will be respected; the corporation or agency does not engage in discriminatory practices.

Student names obtained as a byproduct of the Census will not be released in any case without the student's prior consent.

The Institute of International Education reserves the right to request that the proposed use of data be documented and to withhold data when the request is not deemed to be for appropriate scholarly, public information, or recruitment purposes.

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To the thousands of men and women of the National Association for Foreign Student Affairs (NAFSA) and the American Association of Collegiate Registrars and Admission Officers (AACRAO), whose cooperation in the collection of these statistics is voluntarily given, whose professionalism and interest is always evident, and whose constructive advice and criticism are greatly appreciated;

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HIGHLIGHTS OF OPEN DOORS: 1987/88

Survey Totals

	1986/87	1987/88	% Change
Annual Census of Foreign Students	349,609	356,187	1.9
Intensive English Language Programs	25,044	23,965	-4.3

Part I: The Annual Census of Foreign Students in the United States

Foreign Students by World Region of Origin (Chapter 2)

	1986/87		1987/88		
World Region	%	Number	%	Number	% Change
Asia	48.8	170,700	50.7	180,540	5.8
Latin America	12.4	43,480	12.5	44,550	2.5
Middle East	13.4	47,000	12.2	43,630	-7.1
Europe	10.3	36,140	10.9	38,820	7.4
Africa	9.1	31,580	8.0	28,450	-9.9
North America	4.7	16,300	4.6	16,360	0.4
Oceania	1.2	4,230	1.0	3,620	-14.4

Leading Countries or Other Places of Origin (Chapter 2)

	1986/87		1987/88		
Locality	%	Number	%	Number	% Change
Taiwan	7.3	25,660	7.5	26,660	3.9
China	5.7	20,030	7.1	25,170	25.7
India	5.3	18,350	5.9	21,010	14.5
Korea, Republic of	5.7	19,940	5.8	20,520	2.9
Malaysia	6.2	21,640	5.5	19,480	-10.0
Japan	4.3	15,070	5.1	18,050	19.8
Canada	4.5	15,700	4.4	15,690	-0.1
Hong Kong	3.2	11,010	3.0	10,650	-3.3
Iran	3.5	12,230	2.9	10,420	-14.8
Indonesia	2.6	9,240	2.5	9,010	-2.5

Foreign Students by Field of Study (Chapter 3)

	1986/87		1987/88		
Field of Study	%	Number	%	Number	% Change
Enginering	21.3	74,290	20.7	73,880	-0.6
Business & Managmt	18.9	66,140	18.8	66,990	1.3
Math & Computer Sci.	10.1	35,440	9.9	35,400	-0.1
Physical &Life Scies	7.8	27,370	8.3	29,250	6.9
Social Sciences	7.3	25,610	7.7	27,650	8.0
Fine &Applied Arts	4.2	14,820	4.5	15,860	7.0
Humanities	3.8	13,200	4.0	14,250	8.0

Foreign Students by Academic Level (Chapter 3)

	1986/87		1987/88		
Academic Level	%	Number	%	Number	% Change
Graduate	41.8	146,100	43.9	156,190	6.9
Bachelor's	40.4	141,250	38.5	137,280	-2.8
Associate	11.4	39,980	11.1	39,380	-1.5
Intensive Engl. Lang.[1]	3.5	12,100	3.4	11,990	-0.9
Nondegree	1.6	5,450	1.8	6,550	20.2
Practical Training	1.3	4,730	1.3	4,800	1.5

[1] Only IELP students reported in the Census are included in these figures.

Foreign Students by Primary Source of Funds (Chapter 4)

	1986/87		1987/88		
Source of Funds	%	Number	%	Number	% Change
Personal & Family	64.3	224,950	64.5	229,730	2.1
U.S. College/Univ.	15.1	52,880	17.1	60,870	15.1
Home Govmt/Univ.	10.0	35,030	8.7	30,950	-11.6
U.S. Private sponsor	2.7	9,340	2.8	9,920	-13.0
Foreign Privt Sponsor	2.9	9,980	2.4	8,680	6.2
U.S. Government	1.6	8,650	2.1	7,630	-11.8
Current Employment	2.5	5,500	1.5	5,430	-1.3
Other	0.9	3,280	0.8	2,990	-8.8

States With the Most Foreign Students (Chapter 5)

	1986/87		1987/88		
State	%	Number	%	Number	% Change
California	13.6	47,388	13.8	49,197	3.8
New York	9.4	32,821	9.7	34,693	5.7
Texas	7.2	25,125	6.7	23,714	-5.6
Massachusetts	5.2	18,227	5.3	18,946	3.9
Florida	5.2	18,185	5.1	18,271	0.5
Illinois	4.1	14,505	4.4	15,619	7.7
Pennsylvania	3.5	12,201	3.8	13,460	10.3
Ohio	3.7	12,834	3.7	13,142	2.4
Michigan	3.5	12,219	3.4	12,171	0.4
District of Columbia	2.8	9,722	2.6	9,298	4.4

Institutions With the Most Foreign Students (Chapter 8)

Institution	1986/87	1987/88	% Change
Miami-Dade Community College	5,010	5,148	2.8
University of Southern California	3,746	3,767	0.6
University of Texas, Austin	3,000	3,135	4.5
University of Wisconsin-Madison	2,789	2,825	1.3
University of California, Los Angeles	2,506	2,765	10.3
Ohio State University, Main Campus	2,739	2,756	0.6
Boston University	2,422	2,641	9.0
University of Arizona	2,393	2,599	8.6
University of Minnesota, Twin Cities	2,624	2,514	-4.2
Columbia U., Barnard & Teachers College	2,807	2,474	-11.9*

* Figures for Columbia University no longer include Teachers and Barnard Colleges.

Leading Places of Origin of IELP Students (Part III)

	1986/87		1987/88		
Locality	%	Number	%	Number	% Change
Japan	18.5	4,636	26.2	6,289	35.7
China	6.0	1,507	7.4	1,781	18.2
Korea, Rep. of	5.3	1,324	4.6	1,114	-15.9
Mexico	3.8	957	4.1	992	3.7
Saudi Arabia	4.7	1,177	3.5	835	-29.1
Colombia	3.3	817	3.3	800	-2.1
Indonesia	4.1	1,038	3.0	727	-30.0
Thailand	2.5	630	2.8	682	8.3
Taiwan	2.9	716	2.7	640	-10.6
Nicaragua	1.8	451	2.2	525	16.4

World Region and Subregion of Origin of Foreign Students Within Academic Level (Chap 9)

World Region/ Subregion	Undergraduate	Graduate	Other
AFRICA	**8.8%**	**7.1%**	**4.6%**
North Africa	1.2	2.1	1.3
Sub Saharan Africa	7.7	5.1	3.3
EUROPE	**10.7**	**10.9**	**16.7**
Eastern Europe	0.4	0.7	0.9
Western Europe	10.3	10.2	15.8
LATIN AMERICA	**17.4**	**7.3**	**13.9**
Caribbean	5.2	1.0	1.4
Central America	6.0	2.2	6.0
South America	6.2	4.1	6.4
MIDDLE EAST	**15.4**	**8.7**	**12.1**
NORTH AMERICA	**5.6**	**4.0**	**2.9**
OCEANIA	**1.4**	**0.8**	**1.4**
ASIA	**40.7**	**61.2**	**48.4**
East Asia	17.2	40.4	35.0
South Central Asia	6.3	12.2	4.5
Southeast Asia	17.3	8.6	8.9
TOTAL	**100.0**	**100.0**	**100.0**

PART I: THE ANNUAL CENSUS OF FOREIGN STUDENTS IN THE UNITED STATES

MAJOR TRENDS

CHAPTER 1: Overview. Responses to the 87/88 census indicate that the number of foreign students studying in the U.S. is again on the rise. The increase of 6,578 students for a total of 356,187 represents both the largest percentage and absolute gain in foreign students since 1982/83. While this year's 1.9 and last years 1.7 percent increases appear modest when compared to the above 3.0 percent growth of the early 1980s, they are quite encouraging when held up to the figures for the mid-1980s when our foreign student population experienced growth of less then 1.0% for three consecutive years.

In 1984, the 342,110 foreign students in the United States represented nearly one-third (32%) of all foreign students worldwide and two and half times the number received by the second leading host country, France, which enrolled 133,848 foreign students. In the same year, according to Unesco's Statistical Yearbook, the worldwide foreign student population was1,083,026.

CHAPTER 2: Geographic Origin. For the first time, Asian students constituted more than 50 percent of the total foreign student enrollments in the United States. With an increase of 5.8 percent, their total exceeded 180,500 for the academic year 87/88. Eight of the ten leading homelands are now in South and East Asia, with Taiwan heading the list with 26,660 students. The People's Republic of China, the second leading country of origin, has had the fastest growing foreign student population in the United States for five consecutive years. The number of Chinese students grew a remarkable 25.7 % to bring their total to 25,170 last year. Students enrolled from the Asian homelands of Taiwan, China, India, the Republic of Korea, and Malaysia now make up 62.5% of the Asian regional total, and one third (31.7%) of the world total.

For the first time since the 1975/76 census, Latin America ranked as the second largest contributor to the U.S. foreign student population. Sending 44,550 students, Latin Americans now make up 12.5% of the total foreign students here. The Middle East with 43,640 students and a loss of 7.1 percent (its seventh consecutive decline) from last year's 47,000, fell to third place. The remaining regions, Europe, Africa, North America, and Oceania retained their places with considerable growth in the foreign student population of Europe (7.4%), and notable declines in student flows from Oceania (14.4%) and Africa (9.9%). This is the fifth consecutive year that the census has recorded declines in enrollments of African students. Latin America, now in second place, saw only a 2.5% growth from1986/87, and North America saw only 0.4% growth.

CHAPTER 3: Academic Characteristics. Foreign students' choices of fields of study were very similar to those for 1986/87, with one exception. The humanities surpassed the health sciences in enrollments. With 14,250 foreign students (an 8.0% growth over 1986/87) the humanities now enroll 340 more foreign students then the health sciences which lost 440 students in 1987/88. This is the second year that the Humanities has seen growth above 5.0%. This is especially notable when compared to a recorded loss of 1,120 students (an 8.6% loss) in the 1985/86 census. Other notable growth was experienced by agriculture which attracted 730 more students this year for a 10.0% increase after several years of contraction.

The most significant decrease was in the field of education, which lost 8.2% or 990 students. Engineering remains the most popular field and maintained its hold on an average 21% of the total. Business and management continued its gradual growth as it has throughout the 1980s, making up 18.8 percent of the total enrollment. Though the percentage of students studying the social sciences has increased by 8.0% (2,040) students, it has roughly halved in the lifetime of the survey, dropping from 14.7% in 1954/55 to 7.7% in 1987/88.

The most significant trend in academic level of foreign students is the increasing proportion in graduate study. The number of foreign graduate students (156,190) exceeded the number of foreign undergraduates at four-year institutions (137,280) by nearly 19,000 students in 1987/88. The preceding academic year was the first in two decades in which foreign graduate students exceeded foreign undergraduates enrolled at four-year institutions. Notable at the graduate level was the increasing number of students at the Ph.D. level. Total foreign students in doctoral programs increased from 36,590 in 1985/86 to 49,420 in 1987/88, a 35 percent expansion in two years. Enrollment in masters degree programs grew by 17 percent over the same period.

CHAPTER 4: Personal Characteristics. The proportion of female foreign students reached its highest point ever last year with women now making up nearly one-third (32.3%) of the total foreign student population.

Their numbers increased by 6,010 in 1987/88 to bring their total to 114,890. They tended, as last year, to attend two-year institutions over four-year (41.7% as opposed to 31.1%) but attended public institutions almost as often as private.

Roughly two-thirds (64.5%) of the funding for foreign students came from personal and family sources. This figure helped to account for the fact that three-quarters (75.6%) of the students received their primary source of funding from sources outside the United States. Within the U.S., the greatest source of funding was provided by U.S. colleges and universities which helped to provide for 17.1 percent of the students.

CHAPTER 5: Distribution by Region and State. Students from 186 different nationalities came to study in the United States last year. Thirty-seven states had students representing more than 100 nations or other places of origin. Maine, though it hosted only 612 foreign students, received them from 82 different points around the globe. California, once again the most popular state, housed 49,200 foreign students originating from 160 homelands. California's attendance numbered 14,504 more than the next leading state, New York, which attracted 34,693 students (from 158 different nationalities). Texas, though declining in number of foreign students for the third consecutive year, remained the third most popular state with 29,500 students. Though California was the most popular state, the most chosen region in the United States is still the Northeast with 23.7 percent of our total foreign student population.

CHAPTER 6: Distribution in Two-and Four-Year Institutions. Once again last year the larger percentage of foreign students were to be found in four-year (87.1%) as opposed to two-year (12.9%) institutions. Across the country, only Florida had a fairly even division of two-year (42.8%) and four-year (57.2%) enrollees. More common were states with over 99% of their foreign student population in four-year schools. These included South Dakota (99.7%), Rhode Island (99.6%) West Virginia (99.3%) and Montana (99.2%).

CHAPTER 7: Distribution in Public and Private Institutions. The proportion of foreign students in public over private institutions has remained roughly the same over the past decade. Last year continued that trend with approximately two-thirds of the foreign students in the United States, 233,813 students or 65.6%, attending public institutions. The remaining third, 122,347 students or (34.9%), attended private institutions.

These proportions, however, differed significantly from the proportions of all higher education students in the United States, more than three quarters of whom (78.5%), enrolled in public institutions. States which did not reflect the overall tendency of foreign students to choose public over private schools were the District of Columbia which had 88.1% in private institutions, Vermont which had 86.3%, and Massachusetts, New Hampshire, Rhode Island, Connecticut, Hawaii and New York, all of which had over 55 % of their foreign students in private institutions. Of the regional groups, only North America had a greater percentage in private than in public institutions.

CHAPTER 8: Institutions with the Most Foreign Students. Last year, seventy-nine institutions in the United States reported enrolling 1,000 or more foreign students accounting for 40 percent of the national total. Of these seventy-nine, Miami-Dade Community College reported the largest international student enrollment with over 5,100 foreign students. The institution with the highest proportion of foreign students in relation to total enrollment was the Massachusetts Institute of Technology which reported that foreign students were 20.2% of total enrollment. The University of Arizona claimed the most diverse foreign student body with representatives from over 122 nationalities.

CHAPTER 9: Foreign Students by Academic Level. Last year, four of every six foreign undergraduate students in the United States (40.7%) came from Asia; 17.2% of them were from East Asia alone. More amazingly, however, East Asians now account for 40.4 % of the foreign graduate level students, with Asians as a whole accounting for over 60%. Contrary to the total foreign student population, which chose engineering as its favorite subject, foreign undergraduates chose business and management over other subjects. The graduate students agreed with the majority of the total foreign student population and chose engineering more often.

CHAPTER 10: Cost-of-Living Expenditures by Foreign Students in the U.S. Based on the number of foreign students reported for 1987/88 and the recommended Monthly Maintenance Rates for 1988/89 produced by IIE for use by the Fulbright scholarship program, IIE estimates total academic year cost-of-living expenditures for 1988/89 to be $2,243,978,100. This figure does not include costs for tuition, fees, books, insurance, special equipment, travel, or dependents. On an individual basis, (and taking into account that maintenance rates will vary in different regions and cities of the U.S.) estimated monthly maintenance rates per foreign student is estimated to be $700 in the 1988/89 academic year.

CHAPTER 11: Intensive English Language Programs. The number of programs reporting foreign student enrollments decreased by 4.9% from 306 in 1986/87 to 291 in 1987/88. The number of foreign students enrolled in IELPs also fell by about 1,000 to 23,965. IELP students represented 6.7% of all foreign students in the U.S., down from 7.2% in the previous year.

INTRODUCTION

Every year since 1949, the Institute of International Education (IIE) has published an enumeration of the foreign student population in the United States. Originally titled *Education for One World*, it was renamed *Open Doors* in 1955. IIE conducts a survey (the Annual Census of Foreign Students) of all regionally-accredited U.S. institutions of higher education, obtaining from them data on the foreign students they enroll. The 1987/88 edition of *Open Doors* is the result of the most recent survey. IIE's efforts benefit from the advice provided by the Interassociational Committee on Data Collection, (ICDC), which includes representatives of the National Association for Foreign Student Affairs (NAFSA), the American Association of Collegiate Registrars and Admissions Officers (AACRAO), and IIE itself.

Since 1975/76, in response to IIE's redesigned questionnaire, campus officials have provided institutional totals of foreign students in each of the following categories: country of origin, academic characteristics, and personal characteristics. With the aggregate data thus provided, *Open Doors* effectively meets the needs of those who seek information about a single or specific characteristic of the foreign student population, for example:

- the total number of foreign students in the United States
- the number of students from a particular country or region
- the distribution of foreign students among different fields of study
- the geographic distribution of foreign students within the United States
- the number of foreign students at different academic levels.

The excellent response rate to the Open Doors survey (99.5% in 1987/88) means that the survey constitutes a virtual census of the foreign student population, providing an accurate picture of foreign study in this country. For certain purposes, however, aggregate data like those in *Open Doors* are not sufficiently detailed. To provide in-depth information, IIE conducts another, biennial survey, obtaining information about individual foreign students from campus officials. These data, collected in what is known as the Individual Data survey, can be cross-tabulated to yield such information as:

- the proportion of students from a specific country who are undergraduates
- the proportion of male students from a specific country who are studying business and management
- the proportions of foreign engineering students from different world regions
- the proportions of foreign students in different fields of study at different academic levels.

The data collected in the Individual Data Survey are published in *Profiles, Detailed Analyses of the Foreign Student Population.* While the detailed information contained in Profiles has clear advantages for certain kinds of analyses of foreign student flows, *Open Doors* is the best source of information on the broad characteristics of foreign students, since it is based on almost the entire foreign student population.

1. OVERVIEW OF FOREIGN STUDY

This chapter provides an overview of international student mobility. The first section contains information about the scale and composition of flows of students to the United States, based on data from the Annual Census of Foreign Students in the United States, which has been conducted by IIE for more than three decades, since 1954/55. The second section examines foreign student flows worldwide, based on data collected by Unesco and published in Unesco's *Statistical Yearbook 1987*, or collected directly from individual host countries. These data on worldwide student migration provide a context for the presentation of flows to the United States. They offer information about the extent to which overall worldwide flows remain constant, increase, or

1.A
Foreign Student Enrollment and Institutions Reporting Foreign Students, 1954/55 - 1987/88

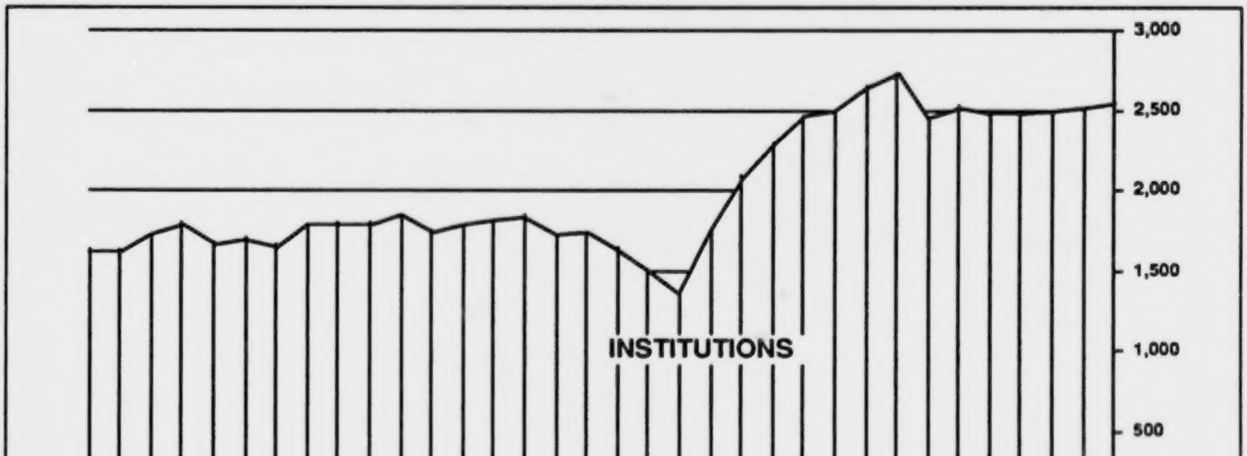

TABLE 1.0

Foreign Student Enrollment and Institutions Reporting Foreign Students, 1954/55-1987/88

Year	Foreign Students	Number of Institutions
1954/55	34,232	1,629
1955/56	36,494	1,630
1956/57	40,666	1,734
1957/58	43,391	1,801
1958/59	47,245	1,680
1959/60	48,486	1,712
1960/61	53,107	1,666
1961/62	58,086	1,798
1962/63	64,705	1,805
1963/64	74,814	1,805
1964/65	82,045	1,859
1965/66	82,709	1,755
1966/67	100,262	1,797
1967/68	110,315	1,827
1968/69	121,362	1,846
1969/70	134,959	1,734
1970/71	144,708	1,748
1971/72	140,126	1,650
1972/73	146,097	1,508
1973/74	151,066	1,359
1974/75	154,580	1,760
1975/76	179,344	2,093
1976/77	203,068	2,294
1977/78	235,509	2,475
1978/79	263,938	2,504
1979/80	286,343	2,651
1980/81	311,882	2,734
1981/82	326,299	2,454
1982/83	336,985	2,529
1983/84	338,894	2,498
1984/85	342,113	2,492
1985/86	343,777	2,507
1986/87	349,609	2,518
1987/88	356,187	2,552

decrease in scale; about the destinations of students and possible changes in shares of all mobile students going to each of the major host countries; and about changes in the scale of the flows from different regions or countries.

FLOWS OF FOREIGN STUDENTS TO THE UNITED STATES: THE ANNUAL CENSUS OF FOREIGN STUDENTS

Description of the data. The data presented in *Open Doors 1987/88* were collected in a survey of 2,893 regionally accredited institutions of higher education in the United States in the Fall of 1987 and Spring of 1988. Of these institutions 2,878 or 99.5% responded, with 326 reporting no foreign student enrollments. The number of institutions that did report having foreign students, 2,552, is the highest number since IIE started surveying only accredited institutions **(Table 1.1)**. **(A summary of survey response data appears in Appendix A6)**.

As the large number of institutions making affirmative responses indicates, foreign students were widely distributed among U.S. institutions of higher education last year; they could be found in nearly nine of ten institutions (88%). **Table 1.1** shows that the number of schools that enrolled international students has grown significantly over time. From the mid-seventies to 1980, it increased by about 800, paralleling a rapid expansion in the foreign student population during the same period. Thus, increases in foreign student enrollments have been spread across the structure of higher education in the United States, with more students attending more and also more varied institutions. In 1981/82, some institutions were eliminated from the survey because they were unaccredited, and this resulted in a 10% drop in the total number of institutions surveyed. The schools that reported having foreign students have increased from 2,454 in that year to 2,552 this year, an overall increase of 4.0%. In the same period, the number of institutions surveyed has increased by only 1.1% **(Appendix A6)**.

It should be noted that some variations will appear in foreign student totals in different tables in this publication. Thus, **Table 1.0** lists the total number of foreign students reported as 356,187, the actual number of students, while in other tables throughout this book, the total has been rounded to 356,190. Other inconsistencies occur when rounding of percentages keeps the total

TABLE 1.1

Foreign Student Enrollment, Institutions Reporting Foreign Students, and Percentage Change, Selected Years, 1954/55-1987/88

Year	Foreign Students	% Change	Number of Institutions	% Change
1954/55	34,232		1,629	
1959/60	48,486	8.3	1,712	1.0
1969/70	134,959	12.9	1,734	-1.3
1974/75	154,580	2.9	1,760	0.3
1979/80	286,343	8.5	2,651	5.9
1980/81	311,882	8.9	2,734	3.1
1981/82	326,299	6.0	2,454	-10.2[1]
1982/83	336,985	3.3	2,529	3.1
1983/84	338,894	0.6	2,498	-1.2
1984/85	342,113	0.9	2,492	-0.2
1985/86	343,777	0.5	2,507	0.6
1986/87	349,609	1.7	2,518	0.4
1987/88	356,187	1.9	2,552	1.4

[1] *Rate of increase for accredited institutions (see text). In 1981/82 the number of institutions surveyed decreased due to elimination from the Census of all institutions that are not listed in the* Education Directory, Colleges and Universities *with (1) accreditation, (2) provisional or probationary accreditation, or (3) preaccredited status by a Regional Accrediting Commission.*

TABLE 1.2

Foreign Student and Total U.S. Enrollment, Selected Years, 1954/55-1987/88

Year	Foreign Enrollment	Total Enrollment[1]	% of Total Enrollment
1954/55	34,232	2,499,800	1.4
1959/60	48,486	3,402,300	1.4
1964/65	82,000	5,320,000	1.5
1969/70	134,959	7,978,400	1.7
1974/75	154,580	10,321,500	1.5
1979/80	286,343	11,707,000	2.4
1980/81	311,882	12,087,200	2.6
1981/82	326,299	12,371,700	2.6
1982/83	336,985	12,425,800	2.7
1983/84	338,894	12,393,700	2.7
1984/85	342,113	12,467,700	2.7
1985/86	343,777	12,387,700	2.8
1986/87	349,609	12,410,500	2.8
1987/88	356,187	12,808,487	2.8

[1] *Reported total enrollments from 1954/55 to 1982/83 are from the National Center for Education Statistics, Washington, D.C. The reported total enrollment for 1983/84 is from the Annual Survey of Colleges-*Fall Enrollment, *1983, New York: College Board. The total enrollment figure for 1984/85 was based on a reported 1% increase in total undergraduate enrollment and a 2% decrease in graduate total enrollment in the Annual Survey of Colleges-* Fall Enrollment, *1984., New York: College Board. Enrollments since 1985 are from* Fall Enrollment , *New York: College Board.*

from equaling 100%. In these instances, the total percent column reports 100% to indicate that all categories are accounted for. Inconsistencies are especially noticeable when data from the Annual Census are combined with Unesco data or data obtained from individual host countries. These latter data are the most recently available ones and were not collected uniformly in the same year; as a consequence, totals are not uniform from table to table.

Census Findings. Census data for 1987/88 show that the foreign student population has not yet peaked (as might have been indicated by figures from the early 1980's, when the population grew by less than 1.0% for three consecutive years) but is experiencing steady, albeit modest, expansion. This year's growth of 1.9 % is slightly higher than last year's 1.7% and represents both the largest percentage and absolute gain in foreign students since 1982/83. Thus, although the factors influencing foreign student flows to the United States are varied, and in many cases unknown, it seems that the foreign student population is not falling below replacement rate.

These modest increases, however, bear no resemblance to the rapid expansion of the seventies, when in the six years between 1974/75 and 1980/81 the foreign student population doubled. In contrast, the growth in the foreign student population in the past six years has been about 8.3% (**Table 1.0** and **Figure 1.A**).

Despite the nearly 1000% increase in the number of foreign students studying in the United States since 1954/55, their share of all higher education students in the U.S. has experienced no significant change, rising from a bare 1.4% to a mere 2.8%. This is the result of the tremendous expansion of the overall higher education enrollments in the U.S. which, having increased by a factor of five in the same time span, diminished the effects of foreign student population growth. The small rise in the proportion of international students, as **Table 1.2** shows, occurred in the late seventies, during the period of very rapid foreign student expansion. Since the early part of this decade, both total and foreign enrollments seem to be fairly stable, as is the ratio between the two.

STUDENT MOBILITY WORLDWIDE: UNESCO AND OTHER DATA

While the United States is the focus of *Open Doors*, it is only one of the nations that attract students from the other countries of the world. As will be shown below, the United Sates is the leading receiving, or host, country in the world, at the present time and has been for many years in the past. However, the scale and composition of the foreign student population in the United States and changes in the nature of this population become more meaningful when examined in the context of foreign student flows to other countries.

As indicated above, rigorously comparable data on student flows to different countries are not available. The latest data available on worldwide mobility are generally from 1984, but some data are more recent and others less so. To complicate matters further, the definition of "foreign student" varies from country to country. Some countries include permanent residents in their reports, while others do not, thereby limiting comparability.

By 1984, as shown on **Table 1.3**, 1,083,026 foreign

TABLE 1.3 (Unesco)*

Foreign Student Enrollment in Host World Region, 1984[1]

Host Region	Number of Countries	Foreign Students
Africa	38	35,567
Europe	27	434,636
Middle East	13	73,708
North America	3	385,698
Oceania	6	15,062
Latin America	16	28,035
Asia	15	40,378
U.S.S.R.[2]	1	62,942
TOTAL	**119**	**1,083,026**

* *Source: Unesco* Statistical Yearbook 1987 *Table 3.15, "Education at the third level: number of foreign students enrolled", pp.III-438-442.*

[1] *Figures are for 1984 for most of the responding countries.*

[2] *Figure is for 1978.*

TABLE 1.4 (Unesco)*

Foreign Student Enrollment in Leading Host Countries, Selected Years, 1970-1985

Host Country	1970	1975	1980	1982	1983	1984	1985
United States[1]	144,708	179,350	311,882	336,985	338,894	342,113	343,780
France	34,500	93,750	110,763	134,566	130,244	133,848	---
Germany, F.R.	27,769	53,560	61,841	71,393	72,267	76,918	79,354
U.S.S.R.	27,918	43,287	62,942 [2]	—	—	---	---
United Kingdom	24,606	49,032	56,003	46,000	42,267	—	---
Canada	22,263	22,700	28,443	35,556	35,365	32,625	29,496
Lebanon	22,184	—	31,028	29,480	—	25,515	---
Italy	14,357	18,921	29,447	29,221	28,068	27,548	---
Egypt	13,387	—	21,751	17,062	—	—	---
Saudi Arabia	1,404	4,026	14,298	17,275	16,529	17,283	---
Switzerland	9,469	10,113	14,716	15,657	16,277	16,830	17,396
Romania	1,766	4,971	15,888	16,251	14,808	13,068	10,774
India	7,804	8,880	14,710 [3]	—	—	—	---
Austria	8,573	10,320	---	13,515	13,943	14,858	15,388
Sweden	—	—	13,182	—	—	—	---
Belgium	8,611	9,748	12,875	11,871	12,528	21,188	24,761
Spain	10,575	8,909	10,997	—	—	—	---
Brazil	—	—	12,800	10,829	—	—	---
Australia	7,525	8,356	8,777	12,104	10,797	12,028	---
Argentina	—	—	7,882 [3]	—	10,049	—	---
Japan	4,447	5,541	6,543	8,117	9,523	10,692	---
Vatican City	8,128	5,740	9,104	8,239	9,211	9,656	9,775
German D.R.	—	5,386	7,106	7,987	8,472	9,143	9,231
Yugoslavia	—	2,358	4,426	5,610	6,664	7,982	---
Greece	5,796	1,049	7,673	6,683	—	—	---
Turkey	6,125	5,907	—	6,030	5,524	6,732	---

* *Source: Unesco* Statistical Yearbook *1987, Table 3.15 "Education at the third level: number of foreign students enrolled"., pp. III 438-442.*

[1] *Source:* Open Doors, *1985/86.*

[2] *Figures are for 1978.*

[3] *Figures are for 1979.*

students studied in 119 countries, according to Unesco's *Statistical Yearbook 1987*, 4% more than in the previous year. Europe was host to the largest number of foreign students, with four out of ten (434,636) of all reported students worldwide. North America followed with a little over one third (385,698), the vast majority of whom, 342,113 or 89%, studied in the United States.

Foreign Students within Leading Host Countries. The countries that received the largest groups of students in 1984, presented in **Table 1.4**, were, in descending order, the United States; France, enrolling 133,848 students; the Federal Republic of Germany, enrolling 76,918 students; the U.S.S.R. with 62,942 students in 1978, the last year for which data are available; the United Kingdom with 42,267 students; and Canada with 32,625 students. The United States received two and a half times more foreign students than the second highest receiving country, attracting nearly one-third (32%) of all foreign students worldwide.

Nine-tenths of all foreign students worldwide enrolled in the top 50 countries. Of those, two-thirds (66.5%) were concentrated in the top five countries (the United States, France, the Federal Republic of Germany, the United Kingdom, and Canada*). The United States alone

TABLE 1.5 (Unesco)*

Foreign Student and Total Enrollment in Leading Host Countries, 1984

Host Country	Foreign Enrollment	Total Enrollment	% of Total Enrollment
United States[1]	342,110	12,241,940	2.8
France	133,848	1,255,538	10.7
Germany, F.R.	76,918	1,519,050	5.1
U.S.S.R.[5]	62,942	5,235,200	1.2
United Kingdom[2]	42,267	1,000,168	4.5
Canada	32,625	1,216,651	2.7
Italy	27,548	1,181,953	2.3
Lebanon	25,515	70,510	36.2
Belgium	21,188	102,354	20.7
Saudi Arabia	17,283	87,821	19.7
Egypt[3]	17,062	825,800	2.1
Switzerland	16,830	105,897	15.9
Austria	14,858	165,313	9.0
India[4]	14,710	5,345,580	0.3
Sweden[6]	13,182	203,669	6.5
Romania	13,068	166,328	7.9
Spain	10,977	681,022	1.6
Brazil[3]	10,829	1,436,287	0.8
Japan	10,697	2,403,371	0.4
Australia	10,028	358,498	2.8
Vatican City	9,656	9,656	100.0
German , D.R.	9,143	431,774	2.1
Yugoslavia	7,982	491,473	1.6
Argentina[4]	7,882	360,397	2.2
Turkey	6,732	417,225	1.6
Greece[3]	6,683	137,453	4.9

* *Source: Unesco* Statistical Yearbook 1987, *Table 3.15 "Education at the third level: number of foreign students enrolled", pp. III 438-442 and 3.11 Education at the Third Level: Teachers and Students by Type of Institution pp. III pp. 247-282*

[1] *Source: Open Doors, 1984/85.*

[2] *Figure is for 1983.*

[3] *Figure is for 1982.*

[4] *Figure is for 1979.*

[5] *Figure is for 1978.*

[6] *Figure is for 1980.*

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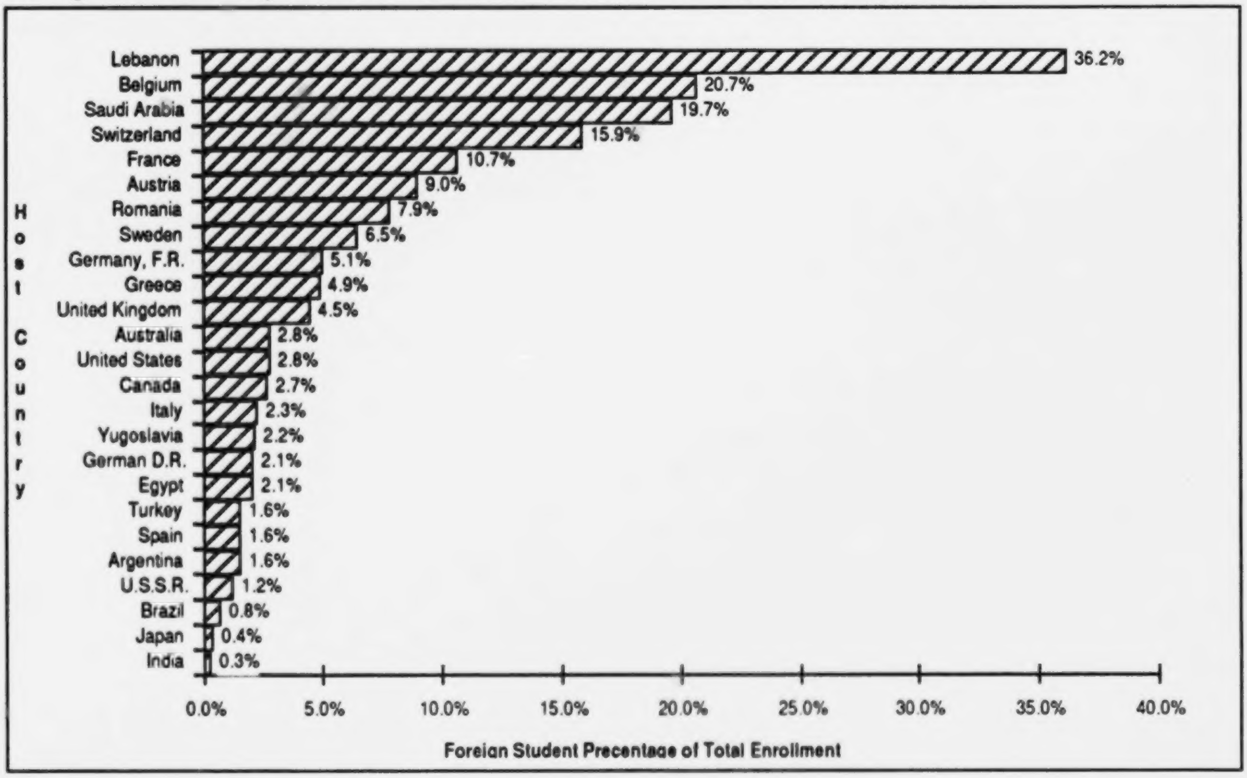
* *Although the Soviet Union ranked fourth in overall foreign student enrollments, it is not included among the five leading countries for this analysis because data on the countries of origin of its foreign students were not available this year.*

1.B (Unesco)[1]
Foreign Student Proportion of Total Enrollment in Leading Host Countries, 1984[2]



[1] *Source: Unesco Statistical Yearbook 1987.*

[2] *The Vatican City is not included.*

enrolled just over one-third (33.9%) of those students, and France an additional 15.2%. It should be noted, however, that these statistics are skewed by the fact that some receiving countries which had large foreign student populations (U.S.S.R., Romania, Brazil) did not give detailed country of origin information.

Overall, Asia was the source of more than a quarter (26.9%) of the students in the top 50 receiving countries, and Africa (20.9%), Europe (19.7%), and the Middle East (19.7%) each supplied about one-fifth of these students. Latin Americans accounted for 7.7%, North Americans for 4.2%, Oceanians for 0.8%, and students from the Soviet Union for 0.1% (**Table 1.6**).

Despite the tremendous expansion of the foreign student population in the United States, the growth there seems modest in comparison to growth in other leading host countries (**Table 1.4**). By way of comparison, the foreign student population of the United States increased by 137.6% between 1970 and 1985, while, in the same period, this population in France increased by 288.0% and in the Federal Republic of Germany by 185.8%. Some countries with smaller foreign student enrollments in 1970 experienced even higher precentage increases. Thus, the number of foreign students in Romania increased by 640% in the period, and in Saudi Arabia it jumped by a phenomenal 1,131%. Most other leading countries experienced growth by a factor of roughly two, although some countries such as Greece, Turkey, Spain, and the Vatican City remained more or less stable.

Interestingly, in some nations, including France and the United Kingdom, the bulk of the growth occurred in the early seventies, unlike the United States, which saw a period of major expansion in the latter part of that decade. The Federal Republic of Germany has experienced a steady rise of foreign students over the period, while Romania, and Saudi Arabia mirror the U.S. pattern. The only country in which significant growth occurred in recent years is Belgium, where the foreign student population almost doubled between 1983 and 1985. In discussing these statistics, it is important to keep in mind the significant absolute differences between the United States and other host countries.Thus, despite the rapid growth of foreign student enrollements in Europe, none of the nations had in 1984 as many foreign students as the United States had as far back as 1970.

TABLE 1.6 (Unesco)*

Distribution of Foreign Students by World Region of Origin in Leading Host Countries[1]

	Host Country[2]							
Region of Origin	**U.S.**	**France**	**Germany, F.R.**	**U.K.**	**Canada**	**5 Leading Countries**	**Next 45[3] Countries**	**Total 50 Countries**
Africa	16.1	42.5	2.5	5.6	2.5	69.2	30.8	181,999
Europe	17.2	13.0	18.9	4.3	2.2	55.7	44.3	170,614
Middle East	26.5	9.3	12.6	4.0	0.6	53.0	47.0	170,658
North America	37.4	12.0	12.2	9.3	7.3	78.4	21.6	36,759
Oceania	48.4	2.1	2.4	8.0	3.6	65.4	34.6	7,149
Latin America	58.6	9.9	5.1	2.4	3.5	79.5	20.5	66,676
Asia	57.5	2.4	4.4	6.4	6.2	76.9	23.1	234,025
U.S.S.R.	5.7	7.8	6.4	0.6	0.1	22.1	77.9	1,444
% of All Foreign Students	**33.9**	**15.2**	**8.8**	**5.2**	**3.3**	**66.5**	**33.5**	**868,324**

* *Source: Unesco* Statistical Yearbook 1987, *Table 3.16 "Education at the third level: number of foreign students enrolled", pp. III 444-469.*

[1] *Percentages are based on student numbers for each region of origin.*

[2] *Figures for the United States, Canada and the Federal Republic of Germany are from 1985; for France, from 1984 for the United Kingdom, from 1983*

[3] *Figures are for 1984 for most countries.*

TABLE 1.7 (Unesco)*

Percent of Foreign Students by World Region of Origin Within Each Host Country[1]

	World Region Of Origin								
Host Country[2]	**Africa**	**Europe**	**Middle East**	**North America**	**Oceania**	**Latin America**	**Asia**	**U.S.S.R**	**Foreign Enrollment[3]**
United States (1985)**	9.9	10.0	15.3	4.7	1.2	13.2	45.6	0.1	342,110
France (1984)	58.4	16.8	12.1	3.3	0.1	5.0	4.2	0.1	133,848
Germany, F.R. (1985)	6.0	42.1	27.9	5.8	0.2	4.4	13.4	0.1	79,354
United Kingdom (1983)	22.6	16.4	15.1	7.6	1.3	3.5	33.5	0.0	45,416
Canada (1985)	15.6	12.9	3.6	9.2	0.9	8.1	49.7	0.0	29,496
Italy (1983)	7.1	57.6	27.9	3.8	0.1	2.9	0.5	0.0	28,068
Lebanon (1984)	24.8	0.0	75.2	0.0	0.0	0.0	0.0	0.0	25,515
Belgium (1985)	34.5	50.9	6.4	1.4	0.0	3.2	3.5	0.0	24,761
Switzerland (1985)	6.2	76.7	5.3	4.2	0.3	4.3	3.0	0.1	17,396
Saudi Arabia (1984)	19.4	0.2	63.5	0.3	0.0	0.0	16.6	0.0	17,273
Egypt (1982)	51.7	0.6	46.2	0.1	0.0	0.0	1.3	0.0	17,062
Austria (1985)	3.8	66.2	18.2	3.1	0.2	2.1	6.4	0.1	15,388
India (1979)	34.4	2.1	30.2	1.1	1.2	0.2	30.8	0.1	14,710
Australia (1984)	2.1	3.3	0.2	2.0	8.8	0.3	83.2	0.0	12,028
Spain (1980)	6.2	18.3	21.4	9.3	0.1	43.8	0.8	0.0	10,997
Japan (1984)	1.6	4.1	1.2	8.0	1.0	4.0	80.2	0.1	10,697
Vatican City (1985)	11.6	53.9	1.6	8.4	0.8	13.2	10.5	0.0	9,775
Germany D.R. (1985)	38.1	36.1	0.0	0.0	0.0	16.4	0.0	9.4	9,231
Yugoslavia (1984)	11.9	36.3	49.8	0.9	0.2	0.4	0.3	0.2	7,982
Turkey (1984)	3.3	6.9	86.9	0.4	0.0	0.0	2.5	0.0	6,732
Greece (1982)	6.7	4.0	82.6	4.5	1.2	0.6	0.3	0.0	6,683
Kuwait (1984)	11.3	0.2	87.0	0.0	0.0	0.0	1.5	0.0	5,622
Netherlands (1984)	5.2	59.7	8.9	6.8	0.0	3.9	15.4	0.1	5,536
Philippines (1984)	6.0	11.9	15.0	13.1	0.0	0.0	54.0	0.0	4,640
Czechoslovakia (1985)	21.6	23.9	16.8	0.0	0.0	8.1	26.3	3.4	4,175

* *Source: Unesco* Statistical Yearbook *1987 Table 3.16 "Education at the third level: number of foreign students enrolled", pp. III 444-469.*

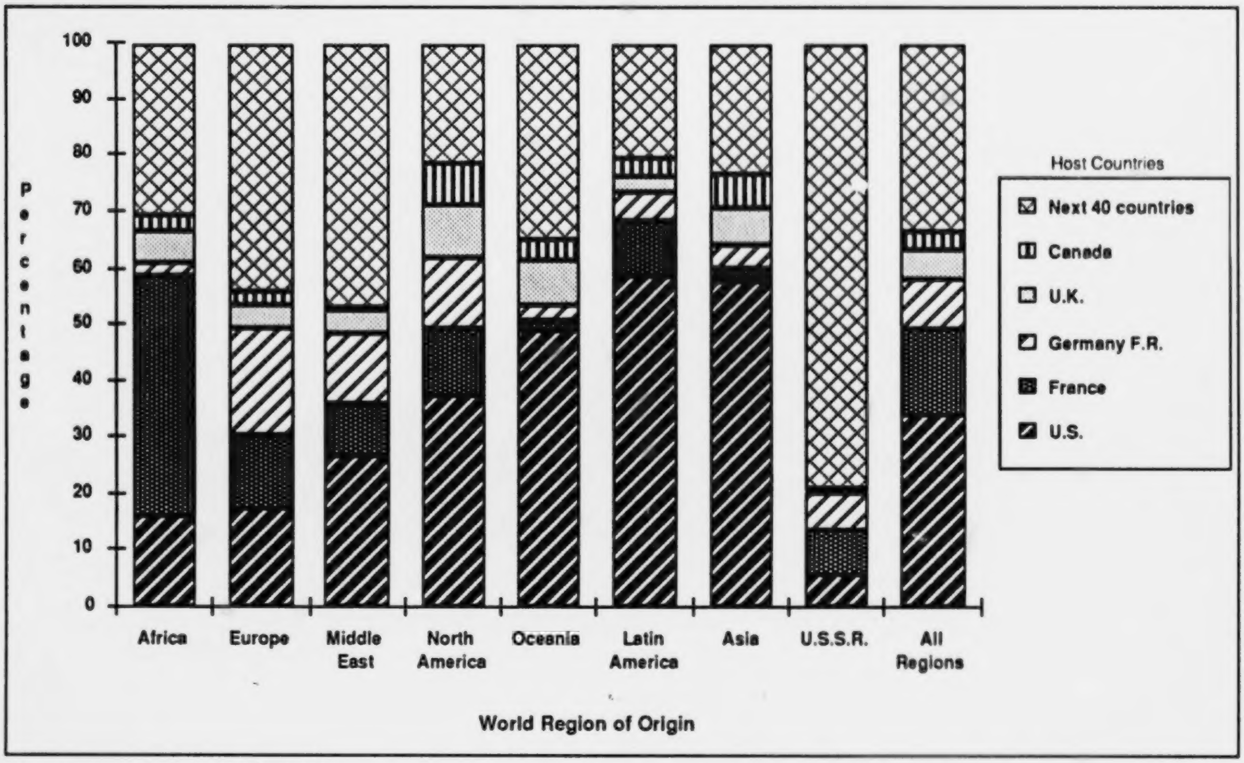
** *Source:* Open Doors, 1985/86.

[1] *Percentages are based on the foreign student total for each reporting host country.*

[2] *Dates in parentheses represent the year on which percentages are based.*

[3] *Students with unspecified place of origin are included in foreign student totals.*

1.C (Unesco)[1]
Leading Host Countries of Foreign Students by World Region of Origin



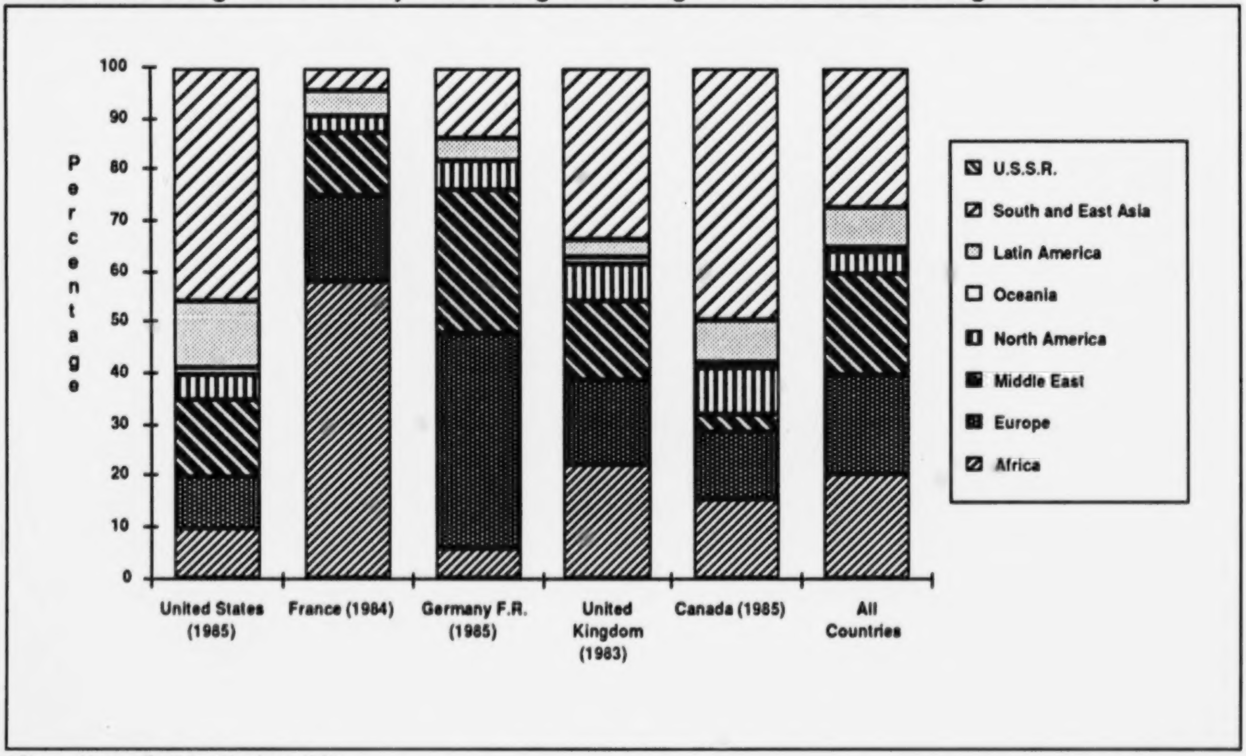
[1] *Source:* Unesco Statistical Yearbook 1987

Proportion of All Higher Education Students. Another measure of the significance of foreign students to the educational structure of the host countries relates to the proportion they form of the total higher education student body. In the U.S., as discussed earlier, international students make up only 2.8% of all higher education students. In most other leading nations, as **Table 1.5 and Figure 1.B** show, they also constituted relatively small shares of the student bodies; in only six of the 25 leading countries did they account for more than 10% of the total student population. Not surprisingly, the student body of the Vatican City was composed entirely of foreign students. Other countries with high proportions of foreign students include Lebanon (36.2%), Belgium (20.7%), Saudi Arabia (19.7%), Switzerland (15.9%), and France (10.7%). Countries with particularly low percentages of foreign students include India (0.3%), Japan (0.4%), Brazil (0.8%), and the Soviet Union (1.2%).

The origins of international students in the leading host countries were diverse as **Table 1.7** shows. In addition, each receiving country seems to have drawn a large plurality of its student population from a single world region. In the United States, for instance, 45.6% of all foreign students were from Asia. In France, 58.4% were from Africa, and in the Federal Republic of Germany, 42.1% were from Europe. Other countries also showed strong regional tendencies. More than one-third of the foreign students in Belgium (34.4%), and of the German Democratic Republic (38.1%) came from Africa, while some countries drew more than one half of their foreign student populations from Europe. They include Italy (57.6%), Belgium (50.9%), Switzerland (76.7%), Austria (66.2%), the Vatican City (53.9%), and the Netherlands (59.7%). Host nations with more than one-half of their students from the Middle East include Lebanon (75.2%), Saudi Arabia, (63.5%), Turkey (86.9%), Greece (82.6%) and Kuwait (87.0%). As noted above, both of these regions showed strong intraregional student mobility.

A large proportion of Spain's international students (43.8%) were from Latin America, showing the strength of linguistic and historical links. The vast majority of the foreign student populations of Australia and Japan (83.2% and 80.2%, respectively) and over half (54.0%) of the foreign students in the Philippines came from Asia, once again showing intraregional mobility. Asians also constituted large percentages of international students in the United Kingdom (33.5%), Canada (49.7%), and the United States (45.6%).

1.D (Unesco)*
Percent of Foreign Students by World Region of Origin Within Each Leading Host Country



' *Source:* Unesco Statistical Yearbook 1987

Taken in its entirety, **Table 1.7** suggests that linguistic and cultural affinity, as well as geographic proximity, and the strength of the host country's educational structure, are major factors in the pattern of international student mobility.

Foreign Student Flows by World Region of Origin. Preferences for countries of destination vary in different regions of the world, suggesting the importance of such factors as geographic proximity and linguistic compatibility. The countries of destination of students from the seven world regions and from the U.S.S.R., which is treated in Unesco's statistics as a separate world region, is presented in **Table 1.6 and Figure 1.C**. Overall, the United States was the destination of over one-third (33.9%) of all foreign students, followed by France (15.2%), the Federal Republic of Germany (8.8%), the United Kingdom (5.2%) and Canada (3.3%).

Region by region, the result of the choices made, either by individual students or by sponsoring agencies, are as follows:

— More than four out of ten African students studied in France (42.5%), and almost two out of ten African students studied in the United States (16.1%).

— Europeans were more evenly distributed among the leading host countries, with 18.9% in the Federal Republic of Germany, 17.2% in the United States, and 13.0% in France.

— Middle Eastern students tended to select the United States (26.5%) and, to a much lesser extent, the Federal Republic of Germany (12.6%).

— Slightly fewer than four-tenths of North Americans (37.4%), consisting mainly of Canadians, studied in the United States, and a substantial proportions studied in France (12.0%) and in West Germany (12.2%).

— Nearly six out of ten Latin American students (58.6%) chose the United States.

— Almost six out of ten students from Asia (57.5%) also went to the United States.

— Students from Oceania most often chose to study in the United States (48.4%).

— About one quarter of Soviet students (22.1%) studied in one or another of the top five leading countries.

In examining these preferences and the resulting proportions of students who selected particular host countries, it is important to keep in mind that the results in absolute terms are vastly different from the results in percentage terms. Half of all students from Oceania is a

TABLE 1.8 (Unesco)*

Distribution of Foreign Students Among Host Countries by Leading Place of Origin[1]

Host Country[2]	Country of Origin									
	China[3]	Iran	Malaysia	Greece	Morocco	Jordan	Hong Kong	Korea	Germany, F.R.	United States
United States (1985)	76.3	29.7	48.8	11.2	2.1	23.3	38.9	71.3	18.1	---
France (1984)	1.8	13.1	0.4	10.7	77.9	1.4	0.3	3.8	16.2	18.0
Germany, F.R. (1985)	2.6	19.2	0.1	19.6	0.6	4.0	0.0	11.9	0.0	20.5
United Kingdom (1983)	0.5	4.8	12.2	5.7	0.1	2.1	21.5	0.6	5.5	14.0
Canada (1985)	2.6	0.7	5.8	1.2	2.9	0.2	32.6	0.6	1.2	12.5
Italy (1983)	0.1	8.6	0.0	35.9	0.0	5.9	0.0	0.0	7.8	5.0
Lebanon (1984)	0.0	0.0	0.0	0.0	0.0	24.1	0.0	0.0	0.0	0.0
Belgium (1985)	0.4	0.8	0.4	2.5	11.2	0.1	0.0	0.1	3.2	1.3
Switzerland (1985)	0.2	0.7	0.0	1.3	0.4	0.1	0.0	0.1	17.0	2.7
Saudi Arabia (1984)	0.1	0.1	0.3	0.0	0.5	7.5	0.0	0.0	0.0	0.2
Egypt (1982)	0.0	0.1	0.1	0.2	0.1	2.4	0.0	0.0	0.0	0.1
Austria (1985)	0.6	3.3	0.0	1.7	0.0	0.1	0.0	1.0	19.4	2.1
India (1979)	0.0	7.6	4.3	0.0	0.0	1.7	0.0	0.0	0.0	0.6
Austrialia (1984)	0.3	0.0	14.7	0.0	0.0	0.0	5.7	0.4	0.2	0.8
Spain (1980)	0.0	1.5	0.0	0.3	0.8	1.3	0.0	0.0	0.9	3.1
Japan (1984)	12.2	0.1	0.8	0.0	0.0	0.0	0.5	7.9	0.3	4.1
Vatican City (1985)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	3.6
German D.R. (1985)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yugoslavia (1984)	0.0	0.2	0.0	7.8	0.0	6.0	0.0	0.0	0.3	0.2
Turkey (1984)	0.0	6.3	0.1	1.1	0.0	2.9	0.0	0.0	0.1	0.1
% Share, 20 Leading Countries	**97.8**	**97.5**	**88.0**	**99.1**	**96.6**	**83.1**	**99.5**	**98.3**	**91.3**	**88.9**
Student Total 50 Leading Countries	**42,481**	**41,043**	**40,493**	**34,086**	**33,094**	**24,285**	**23,657**	**22,468**	**22,424**	**19,707**

Table 1.8---continued

Host Country[2]	Country of Origin									
	Nigeria	Italy	India	Syria	Canada	Turkey	Japan	Lebanon	United Kingdom	Algeria
United States (1985)	59.8	9.0	77.4	11.0	81.4	13.0	74.8	41.7	35.0	4.8
France (1984)	3.7	8.1	1.7	19.1	5.8	5.3	5.2	31.4	14.1	79.1
Germany, F.R. (1985)	1.4	12.6	3.3	2.8	2.6	62.2	7.4	2.2	13.4	2.6
United Kingdom (1983)	17.4	2.1	3.4	1.0	3.9	1.0	2.2	1.1	0.0	3.7
Canada (1985)	1.4	0.5	4.7	0.2	0.0	0.6	1.3	1.2	10.6	1.1
Italy (1983)	2.6	0.0	0.4	1.4	0.6	0.8	0.0	4.7	1.2	0.0
Lebanon (1984)	0.0	0.0	0.0	37.4	0.0	0.0	0.0	0.0	0.0	0.0
Belgium (1985)	0.4	17.8	0.4	0.6	0.5	2.1	0.1	4.3	1.8	3.1
Switzerland (1985)	0.0	13.5	0.4	0.3	0.8	1.6	0.4	0.9	2.3	0.6
Saudi Arabia (1984)	1.1	0.0	2.1	5.4	0.0	1.7	0.0	1.2	0.1	0.7
Egypt (1982)	0.3	0.1	0.1	1.8	0.0	0.1	0.0	1.6	0.0	0.5
Austria (1985)	0.5	15.8	0.4	0.5	0.3	5.1	1.3	0.2	0.9	0.2
India (1979)	4.3	0.0	0.0	0.1	0.2	0.0	0.2	0.1	1.1	0.0
Australia (1984)	0.2	0.1	0.7	0.0	0.4	0.1	0.7	0.0	1.0	0.0
Spain (1980)	0.1	0.8	0.1	1.9	0.0	0.0	0.1	1.0	0.6	0.0
Japan (1984)	0.0	0.2	0.4	0.0	0.4	0.1	0.0	0.0	0.6	0.0
Vatican City (1985)	2.5	17.4	3.1	0.1	0.7	0.0	0.3	0.8	1.2	0.0
German D.R. (1985)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yugoslavia (1984)	0.5	0.2	0.0	4.6	0.2	0.7	0.0	1.2	0.0	1.5
Turkey (1984)	0.3	0.1	0.0	3.9	0.0	0.0	0.0	0.3	0.1	0.0
% Share, 20 Leading Countries	**96.5**	**98.2**	**98.6**	**92.1**	**97.9**	**94.4**	**94.2**	**93.8**	**84.2**	**98.0**
Student Total, 50 Leading Countries	**19,673**	**17,935**	**17,824**	**16,693**	**16,245**	**16,168**	**15,335**	**14,601**	**14,573**	**13,861**

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* *Source: Unesco* Statistical Yearbook *1987, Table 3.16 "Education at the third level number of foreign students enrolled" ,pp. III 444-469.*

[1] *Percentages are based on the student total from each country of origin. Blanks indicate less than 0.1%.*

[2] *Dates in parentheses represent the year on which percentages are based. Host countries that reported large numbers of foreign students, but did not report the necessary country-of-origin data are omitted from this table: Soviet Union, Romania, Sweden, and Brazil.*

[3] *Unesco data on China include figures for Taiwan.*

TABLE 1.9

Country of Origin of Foreign Students Within Selected Leading Host Countries

Leading Place of Origin	Host Country				
	United States[1]	France[2]	Germany, F.R[3]	United Kingdom[4]	Canada[5]
Iran	10,420	5,233	7,872	2,023	125
Greece	4,140	3,405	6,447	2,289	361
Malaysia	19,480	—	—	5,600	1,849
China	25,170	1,059	1,117	410	1,716
Taiwan	26,660	—	583	157	165
Morocco		25,297	201	49	836
Nigeria	8,340	—	274	3,221	264
Jordan	5,140	—	976	591	53
Hong Kong	10,650	—	—	6,935	8,896
United States	—	3,503	4,042	3,438	2,969
Germany, F.R.	5,730	3,776	—	1,496	427
Turkey	2,630	—	9,215	190	119
Japan	18,050	—	1,134	402	442
Canada	15,690	—	429	805	—
Venezuela	3,790	—	161	109	200
United Kingdom	6,600	2,126	1,872	0	758
Syria	1,740	3,161	467	176	27
Italy	2,200	—	1,943	464	110
Lebanon	5,820	5,113	316	182	403
Egypt	2,090	—	696	622	141
Algeria	--	10,535	355	562	256
Singapore	4,870	—	—	1,329	1,271
Cameroon	1,400	4,694	192	193	204
Ivory Coast	--	3,157	—	14	179
Brazil	2,950	--	547	370	133
Madagascar	--	4,393	—	16	23
Portugal	--	2,369	396	134	37
India	21,010	—	585	1,012	898
Kenya	--	—	—	1,056	530
Iraq	--	—	356	1,568	54
Netherlands	1,630	--	1,856	362	87
Spain	2,500	3,047	1,446	234	85
Yugoslavia	--	—	1,749	34	44
Austria	--	—	3,662	41	138
Switzerland	1,040	—	1,203	219	173
Korea	19,520	—	2,673	183	308
Total of Leading Senders	235,920	80,895	52,765	36,486	24,281
% of Total Foreign Students	66.2	61.2	70.8	65.0	69.0
Total Foreign Students	356,187	131,979	74,574	56,121	35,155

[1] *Source: Open Doors 1987/88*
[2] *Source: Reperes et References Statistiques, 1987 p. 195*
[3] *Source: ·Basic and Structural Data 1986/87, Federal Ministry of Education and Science Germany F.R.*
[4] *Source: Statistics of students from abroad in the United Kingdom 1984/85, The British Council*
[5] *Source: The National Report on International Students in Canada 1986-87 , Canadian Bureau for International Education*

relatively small absolute number, while half of all students from Asia is a matter of tens of thousands of students.

Foreign Student Flows by Country of Origin. Not only do regional groups exhibit diverse preferences for particular host countries, but students from particular countries do so as well.

In several countries, over half of students studying abroad chose to come or were sent to the United States, as shown in **Table 1.8**. The countries with the largest proportions of their students going to the United States were Canada (81.4%), India (77.4%), the People's Republic of China** (76.3%), Japan (74.8%), and the Republic of Korea (71.3%). Other strong national preferences are also evident. Over three-fourths of all Moroccan and Algerian students abroad (77.9% and 79.1%, respectively) studied in France, while almost two-thirds (62.2%) of all students from Turkey went to the Federal Republic of Germany.

In some instances, there were clear preferences but lesser concentrations. Again, many of these patterns suggest the importance of geographic proximity, cultural affinity, or of linguistic competences. According to Unesco, students from the United States went primarily to the Federal Republic of Germany, France, the United Kingdom, and Canada. Nearly two-thirds of the students going abroad from the United Kingdom studied in either

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***Unesco data on China include figures for Taiwan.*

the United States (35.0%), France (14.1%), or Canada (13.4%). Most West Germans studied in Austria (19.4%), the United States (18.1%), Switzerland (17.0%), or France (16.2%). A large proportion of Greek students were in Italy (35.9%), as well as in the Federal Republic of Germany (19.6%). Most Italian students studied in Belgium (17.8%), the Vatican City (17.4%), or Austria (15.8%).

Large proportions of Lebanese students studied in the United States (41.7%) or in France (31.4%). Students from Jordan tended to study in the United States (23.3%) or Lebanon (24.1%). Most Syrian students studied in Lebanon (37.4%) or France (19.1%).

About half of all Malaysian students abroad were in the United States (48.8%); an additional 14.7% were in Australia, and 12.2% in the United Kingdom. Finally, the majority of foreign students from Hong Kong studied either in the United States (38.9%), Canada (32.6%), or the United Kingdom (21.5%).

The largest exodus for study abroad was from five countries: China (42,481 students), Iran (41,043 students), Malaysia (40,493 students), Greece (34,086 students), and Morocco (33,094 students). These large absolute numbers should be kept in mind in assessing the impact of high proportions of students selecting particular host countries. For example, Greek students in Italy or Moroccan students in France certainly are salient components of the foreign student profiles of those countries.

Table 1.9 shows the sources of foreign student flows to five of the leading host countries. These data were collected from various sources within the host countries and are more current than the Unesco data. The data are presented for five of the top six receiving countries in the world; only the U.S.S. R. is not included because data are not available. All of the major sending countries identified through Unesco data appear again as important sources of foreign students; they are here shown to have at least 1,000 students in one or more of the major receiving countries.

2. GEOGRAPHIC ORIGIN

This chapter and those which follow discuss the characteristics of foreign students in the United States, based on the 1987/88 Census of Foreign Students conducted by the Institute of International Education. This chapter presents data on students' world region, subregion, and leading countries or other places of origin. Foreign student subgroups according to world region will be discussed individually, in descending order of enrollments, beginning with Asians and ending with North Americans and Oceanians.

WORLD REGION OF ORIGIN AND LEADING PLACES WITHIN WORLD REGION

ASIA*

For the first time in the history of the Census, Asian students accounted for more than one-half (50.7%) of

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* *This region was formerly called South and East Asia. It comprises the subregions of East Asia, Southeast Asia and South Central Asia, but does not include the Middle East. For specific countries within each subregion, see Appendix A.4.*

2.A
Foreign Students by World Region of Origin, 1954//55 - 1987/88

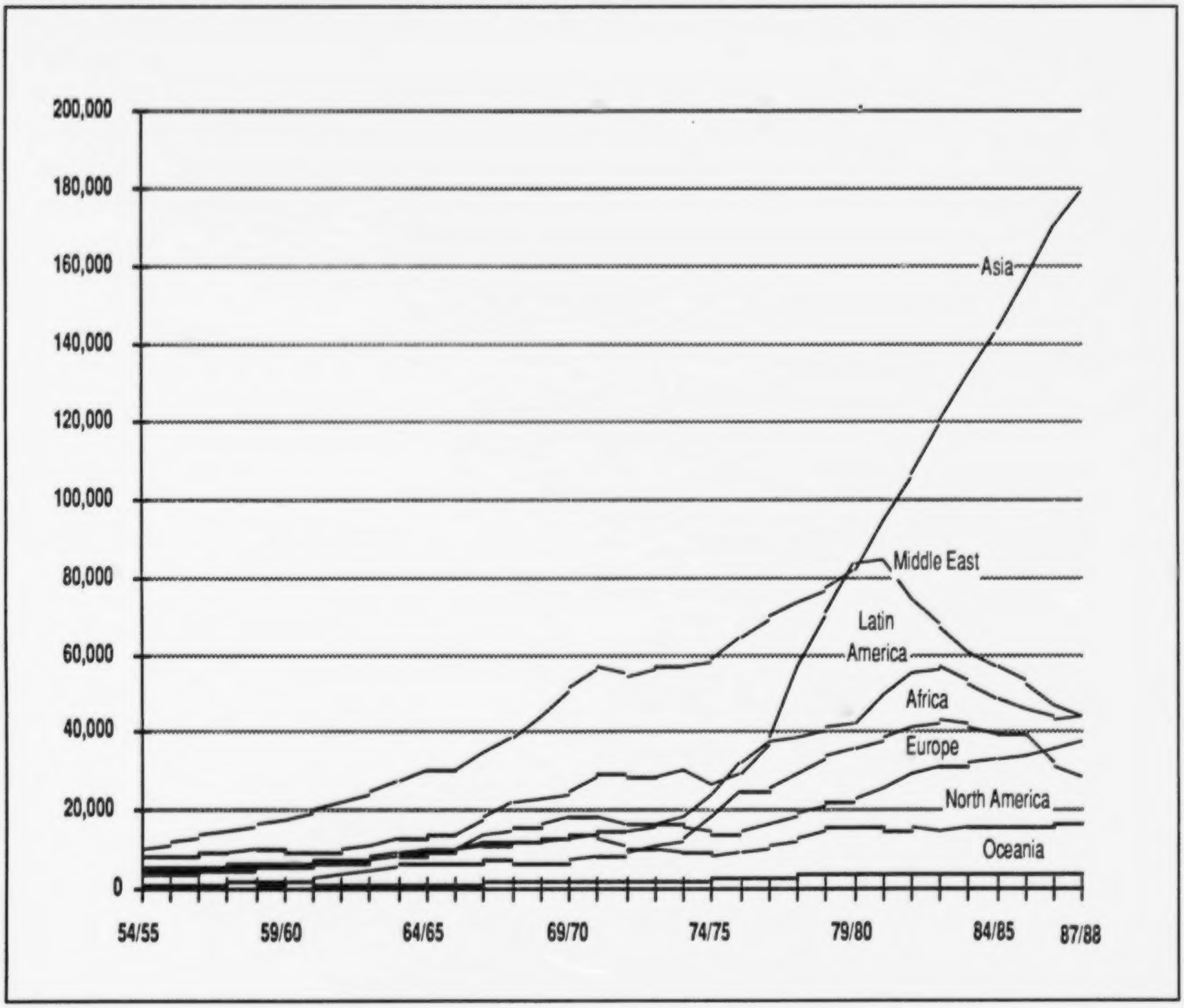


TABLE 2.0

Foreign Students by World Region of Origin and Percentage Change, 1986/87-1987/88

World Region	Foreign Students		% Change
	1986/87	1987/88	
Africa	31,580	28,450	-9.9
Europe	36,140	38,820	7.4
Latin America	43,480	44,550	2.5
Middle East	47,000	43,630	-7.1
North America	16,300	16,370	0.4
Oceania	4,230	3,620	-14.4
Asia	170,700	180,540	5.8
All Foreign Students	**349,610[1]**	**356,190[1]**	**1.9**

[1] Includes 180 students classified as stateless or of unknown origin.

the total foreign student population in the United States. Of the 356,190 students in the U.S., 180,540, or 50.7%, came from that region (**Table 2.0**). Flows from Asia increased substantially: in absolute terms there were 9,840 more Asians than in the previous year, by far the highest gain in actual numbers of students, representing a rate of increase of 5.8%. As **Table 2.1** shows, the number of Asian students exceeds the number of students from all other world regions combined for the first time in the history of the Annual Census.

Within Asia, the subregion from which the largest number of students came was East Asia, which, with over 100,000 students, accounted for 56.1% of the total Asian foreign student population or 28.4% of the total foreign student population (**Table 2.2**). Southeast Asia was home to 46,920 students, representing a little over one quarter (26.0%) of the Asian students, and the remaining 32,410 or 18.% of Asians were from countries in South and Central Asia. To better comprehend the scale of the Asian student flows it is helpful to compare

TABLE 2.1

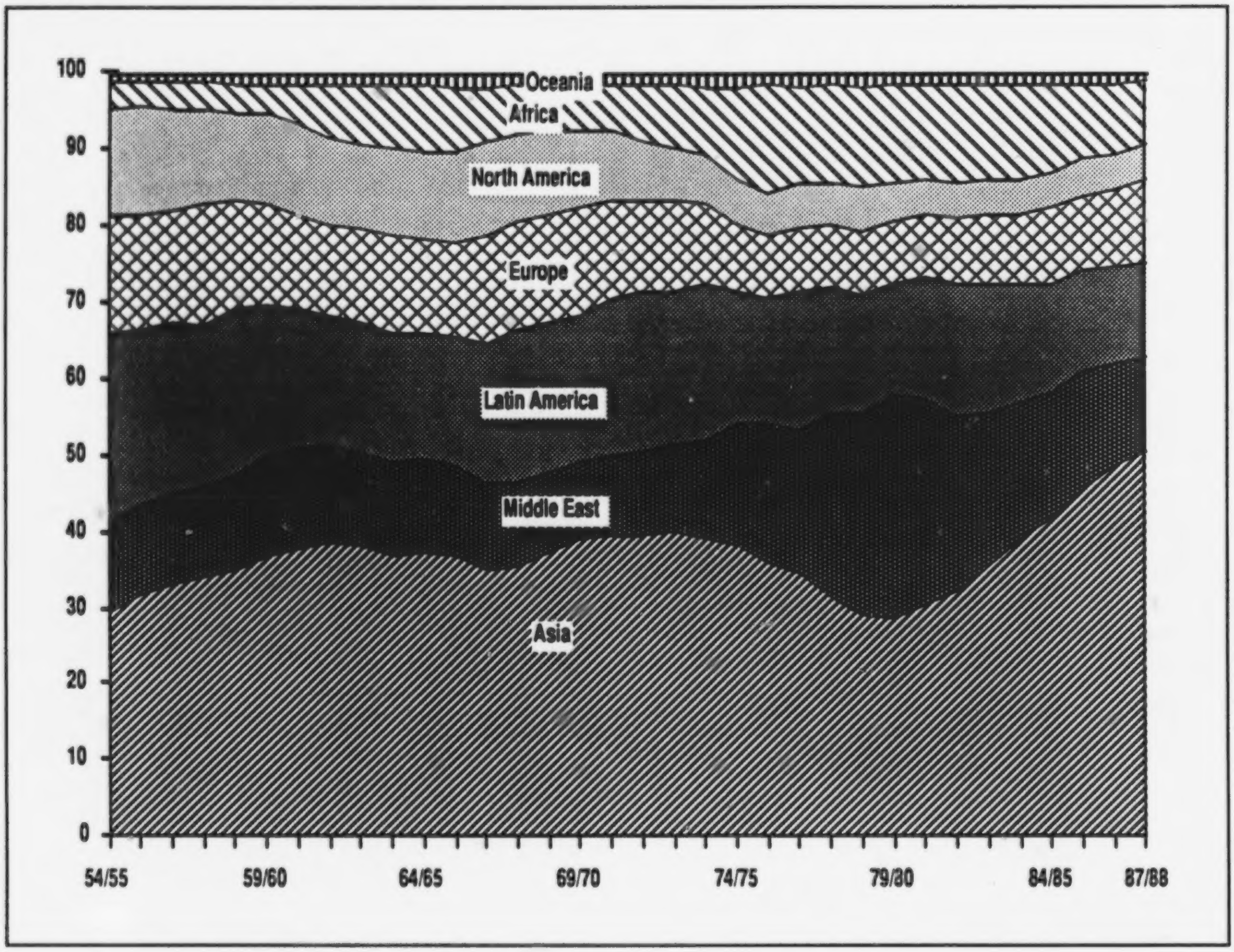
Foreign Students by World Region of Origin, 1954/55-1987/88

Year	Africa		Europe		Latin America		Middle East		North America		Oceania		Asia		YEAR TOTAL[1]
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	
1954/55	1,234	3.6	5,205	15.2	8,446	24.7	4,079	11.9	4,714	13.8	337	1.0	10,175	29.7	34,232
1955/56	1,231	3.4	5,504	15.1	8,474	23.2	4,239	11.6	5,042	13.8	353	0.9	11,625	31.9	36,494
1956/57	1,424	3.5	6,005	14.8	9,110	22.4	4,763	11.9	5,444	13.4	424	1.0	13,429	33.0	40,666
1957/58	1,515	3.5	6,837	15.8	9,212	21.2	5,115	11.8	5,354	12.3	495	1.1	14,786	34.1	43,391
1958/59	1,735	3.7	6,606	14.0	10,249	21.7	5,956	12.6	5,512	11.6	612	1.3	16,486	34.9	47,245
1959/60	1,959	4.0	6,392	13.2	9,428	19.4	6,477	13.4	5,761	11.9	568	1.2	17,808	36.7	48,486
1960/61	2,831	5.3	6,702	12.6	9,626	18.1	7,096	13.4	6,128	11.6	658	1.2	19,988	37.6	53,107
1961/62	3,930	6.8	6,833	11.8	9,915	17.1	7,394	12.7	6,639	11.4	796	1.4	22,451	38.7	58,086
1962/63	4,996	7.7	7,923	12.2	11,021	17.0	7,887	12.2	7,089	11.0	948	1.5	24,728	38.2	64,705
1963/64	6,144	8.2	9,348	12.5	12,882	17.2	8,980	12.0	8,546	11.4	1,080	1.5	27,682	37.0	74,814
1964/65	6,855	8.4	10,108	12.3	13,657	16.6	9,977	12.1	9,338	11.4	1,265	1.5	30,640	37.4	82,045
1965/66	6,896	8.3	10,226	12.4	13,998	16.9	9,895	12.0	9,851	11.9	1,325	1.6	30,371	36.7	82,709
1966/67	7,170	7.2	14,207	14.2	18,182	18.1	11,401	11.4	12,230	12.2	1,635	1.6	34,999	34.9	100,262
1967/68	6,901	6.3	15,556	14.1	21,908	19.9	11,903	10.7	12,236	11.1	1,683	1.5	38,672	35.1	110,315
1968/69	6,979	5.8	16,453	13.6	23,438	19.3	12,338	10.2	12,948	10.7	1,869	1.5	44,212	36.4	121,362
1969/70	7,607	5.6	18,524	13.7	24,991	18.5	13,278	9.9	13,415	9.9	2,077	1.5	51,033	37.8	134,959
1970/71	8,734	6.0	18,306	12.7	29,300	20.2	14,840	10.3	12,732	8.8	1,995	1.4	56,459	39.0	144,708
1971/72	9,592	6.8	16,219	11.6	28,832	20.6	14,651	10.5	10,541	7.5	2,131	1.5	54,276	38.7	140,126
1972/73	11,465	7.8	16,296	11.2	28,383	19.4	16,278	11.1	9,805	6.7	2,107	1.4	56,486	38.7	146,097
1973/74	12,937	8.6	15,539	10.3	30,276	20.0	18,381	12.2	8,883	5.9	2,375	1.6	57,072	37.8	151,066
1974/75	18,400	11.9	13,740	8.9	26,270	17.0	23,910	15.5	8,630	5.6	2,650	1.7	58,460	37.8	154,580
1975/76	25,290	14.1	14,400	8.1	29,820	16.6	32,590	18.2	9,720	5.4	2,740	1.5	64,540	36.0	179,340
1976/77	25,860	12.7	16,700	8.2	37,240	18.4	38,490	18.9	11,420	5.6	3,150	1.6	70,020	34.5	203,070
1977/78	29,560	12.6	19,310	8.2	38,840	16.5	57,210	24.3	12,920	5.5	3,810	1.6	73,760	31.3	235,510
1978/79	33,990	12.9	21,690	8.2	41,120	15.6	70,430	26.6	15,520	5.9	4,150	1.6	76,850	29.1	263,940
1979/80	36,180	12.6	22,570	7.9	42,280	14.8	83,700	29.2	15,570	5.4	4,140	1.4	81,730	28.6	286,340
1980/81	38,180	12.2	25,330	8.1	49,810	16.0	84,710	27.2	14,790	4.7	4,180	1.3	94,640	30.4	311,880
1981/82	41,660	12.8	28,990	8.9	55,360	17.0	74,390	22.8	15,460	4.7	4,000	1.2	106,160	32.5	326,300
1982/83	42,690	12.7	31,570	9.4	56,810	16.9	67,280	19.9	14,570	4.3	4,040	1.2	119,650	35.5	336,990
1983/84	41,690	12.3	31,860	9.4	52,350	15.5	60,660	17.9	15,670	4.6	4,090	1.2	132,270	39.0	338,890
1984/85	39,520	11.6	33,350	9.7	48,560	14.2	56,580	16.5	15,960	4.7	4,190	1.2	143,680	42.0	342,110
1985/86	39,190	9.9	34,310	10.0	45,480	13.2	52,720	15.3	16,030	4.7	4,030	1.2	156,830	45.6	343,780
1986/87	31,580	9.1	36,140	10.3	43,480	12.4	47,000	13.4	16,300	4.7	4,230	1.2	170,700	48.8	349,610
1987/88	28,450	8.0	38,820	10.9	44,550	12.5	43,630	12.2	16,370	4.6	3,620	1.0	180,540	50.7	356,190

[1] Includes students classified as stateless or of unknown origin.

2.B

Foreign Students by World Region of Origin, 1954/55 - 1987/88



them to flows from other world regions. Thus, although the 46,920 students from Southeast Asia comprised only 26.0% of the Asian total, this number is higher than the number of students coming from any other world region (**Table 2.2**).

Asians have always constituted the largest regional group of students, except in 1979/80, when the Middle East was the leading region of origin (**Figure 2.B**). The Asian share of the foreign student population was as low as 30% in the mid-fifties but rose substantially in the following two decades. After a small drop in the late seventies, it continued to climb, the biggest increases occurring since 1982/83.

Leading Places Within Asia. The five biggest sources of foreign students from the Asian region were Taiwan (26,660), China (25,170), India (21,010), the Republic of Korea (20,520), and Malaysia (19,480). Together they accounted for 62.5% of the region's total (**Table 2.3**) and nearly one-third (31.7%) of the world total. It is interesting to note that the top six "sending" countries or places in the world are all in Asia, as are ten of the top fifteen (**Tables 2.4 and 2.5**). It is also significant that five of the ten fastest growing national foreign student groups are from Asia and that every country or place whose foreign student population grew by more than 1,000 students since the previous year was from this region (**Table 2.6**).

The Asian regions sending the most foreign students to the U.S. have changed over the years. Taiwan, long the place of origin of large numbers of students, remains the leading source in the region, and in the world, but the number of students from the People's Republic of China is fast approaching the number of students from Taiwan. The proportion of students from the Republic of Korea also increased in recent years, while the shares of students from Hong Kong and Japan decreased (**Table 2.3**).

TABLE 2.2

Foreign Students by World Region and Subregion of Origin, 1986/87-1987/88

Region/ Subregion	1986/87		1987/88	
	Foreign Students	% of Total	Foreign Students	% of Total
Eastern Africa	6,600	20.9	6,700	23.6
Central Africa	1,770	5.6	1,880	6.6
North Africa	5,470	17.3	5,360	18.8
Southern Africa	2,530	8.0	2,770	9.7
West Africa	15,210	48.2	11,740	41.3
Africa, Total	**31,580**	**100.0**	**28,450**	**100.0**
Eastern Europe	1,880	5.2	2,000	5.2
Western Europe	34,260	94.8	36,820	94.8
Europe, Total	**36,140**	**100.0**	**38,820**	**100.0**
Caribbean	11,250	25.9	11,580	26.0
Central America	13,070	30.0	14,550	32.7
South America	19,160	44.1	18,420	41.3
Latin America, Total	**43,480**	**100.0**	**44,550**	**100.0**
Middle East	**47,000**	—	**43,630**	—
North America	**16,300**	—	**16,370**	—
Oceania	**4,230**	—	**3,620**	—
East Asia	91,890	53.8	101,210	56.1
South Central Asia	28,700	16.8	32,410	18.0
Southeast Asia	50,110	29.4	46,920	26.0
Asia, Total	**170,700**	**100.0**	**180,540**	**100.0**
Stateless	**180**		**190**	
All Foreign Students	**349,610**		**356,190**	

LATIN AMERICA

Latin American students became the second largest regional group in the United States last year by virtue of a 2.5% increase over the previous year. There were 44,550 of them studying in the U.S. in 1987/88, up 1,070 from 1986/87, (**Table 2.0**), constituting one-eighth (12.5%) of the total foreign student population. Although the Latin American's share went up slightly in the past year, it is lower than any year before 1986/87 (**Table 2.1**). No single Latin American subregion dominated to a great extent; as **Table 2.2** shows, four out of ten students (41.3% or 18,420) were from South America, slightly more than three out of ten (32.7% or 14.550) were from Central America, and the remaining 26.0% or 11,580 were from the Caribbean countries.

Latin Americans, as seen in **Table 2.1**, were the second largest group of foreign students until the mid seventies, at which point Middle Easterners appeared in second place. In subsequent years, the Latin American share of the foreign student body fell substantially, the drop being particularly steep in the eighties. As a result, they remained in third place until last year.

Leading Countries in Latin America. The Latin American countries from which the largest numbers of foreign students came to the U.S were Mexico, with 6,170 students or 13.9% of all students from this region; Venezuela, with 3,790 or 8.5%; Colombia, with3,370 or 7.6%; Brazil, with 2,950 or 6.6%; and Peru, with 2,290 or 5.1% (**Table 2.3**). The national origins of Latin Americans were more heterogeneous than those of any other regional group. The students from the five leading countries account for only 41.7% of the Latin American total, unlike the other world regions, where students from the leading countries account for at least one-half of the regional total.

Throughout the history of the Census, Mexico, Venezuela, and Colombia have always been among the top five Latin American sending countries, but their ranking has fluctuated (**Table 2.3**). In the early 80's Venezuela led with about two tenths of all Latin American students, although before 1979/80 its share was only one-tenth. In more recent years, Venezuela's proportion fell steadily, reaching 11.2% and second place in 1986/87. Cuba ranked high among leading countries from 1954/55 to 1969/70, leading the region beginning in 1964/65, but it disappeared from the ranks of leading countries by 1974/75. Last year Peru replaced Jamaica as a leading country from the region.

MIDDLE EAST

The Middle Easterners, who were the second largest subgroup of foreign students beginning in 1976/77, dropped to third place last year, being surpassed by Latin Americans. The 43,630 students from this region, like Latin Americans, constituted about one-eighth (12.2%) of the foreign student population. For the seventh year in a row, Middle Eastern enrollments shrank substantially; there 3,360 or 7.1% fewer students in the U.S. last year than in 1986/87 (**Tables 2.0** and **2.1**). This represents the larger numerical decline for any world region .

Historically the numbers of students from the Middle East rose very rapidly in the latter half of the 70's, mainly due to increased flows from Iran and from OPEC countries. Enrollments from this region peaked in 1979/80, making the Middle Easterners the largerst regional group for a year.Since then, their numbers have fallen steadily and rapidly, primarily due to declining numbers of Iranians and Saudi Arabians.

Leading Countries in the Middle East. Iran has been the leading country in the region every year that IIE has administered the Annual Census, although the proportion that they make up of all Middle Eastern students has decreased significantly since the high point of 1979/80. While in 1979/80 Iranians made up 61.3% of the regional total, now they are 23.9% of the total, with 10,420

TABLE 2.3

Percentage Share of Foreign Students From Leading Countries or Other Places Within World Region of Origin, Selected Years, 1954/55-1987/88

	Africa		Europe		Latin America		Middle East		Asia	
	Locality	%	Locality	%	Locality	%	Locality	%	Locality	%
1954/55										
	Egypt	28.4	Greece	16.9	Colombia	15.4	Iran	24.4	China[1]	25.1
	Nigeria	21.7	Germany, F.R.	14.6	Mexico	14.8	Israel	19.4	India	16.4
	Liberia	15.2	United Kingdom	13.6	Venezuela	10.4	Iraq	15.9	Japan	15.4
	South Africa	12.7	France	9.1	Cuba	8.5	Jordan	14.9	Philippines	14.5
	Ghana	6.6	Netherlands	7.2	Jamaica	6.3	Turkey	9.7	Korea, Rep. of	11.8
	TOTAL	**84.6**	**TOTAL**	**61.4**	**TOTAL**	**55.4**	**TOTAL**	**84.3**	**TOTAL**	**83.2**
1959/60										
	Egypt	25.0	Greece	17.1	Mexico	14.4	Iran	38.7	China[1]	25.5
	Nigeria	13.2	United Kingdom	15.5	Venezuela	11.9	Turkey	12.9	India	21.2
	South Africa	9.2	Germany, F.R.	11.3	Cuba	9.9	Israel	12.5	Korea, Rep. of	13.9
	Ethiopia	8.7	France	8.9	Jamaica	9.6	Iraq	10.4	Japan	12.2
	Liberia	8.7	Italy	6.9	Colombia	7.3	Lebanon	9.1	Philippines	9.7
	TOTAL	**64.8**	**TOTAL**	**59.7**	**TOTAL**	**53.1**	**TOTAL**	**83.6**	**TOTAL**	**82.5**
1964/65										
	Nigeria	20.2	United Kingdom	19.4	Cuba	11.5	Iran	37.3	India	22.2
	Egypt	18.7	Greece	15.3	Mexico	10.0	Israel	15.4	Taiwan	22.1
	Kenya	11.3	Germany, F.R.	14.9	Colombia	8.8	Turkey	10.7	Japan	11.5
	uth Africa	5.7	France	8.2	Jamaica	8.7	Iraq	9.2	Hong Kong	10.7
	Liberia	4.6	Italy	6.4	Venezuela	8.6	Lebanon	7.0	Korea, Rep. of	8.5
	TOTAL	**60.5**	**TOTAL**	**64.2**	**TOTAL**	**47.6**	**TOTAL**	**79.6**	**TOTAL**	**74.6**
1969/70										
	Nigeria	24.3	United Kingdom	22.8	Cuba	18.0	Iran	39.0	Taiwan	23.6
	Egypt	13.3	Germany, F.R.	14.2	Mexico	10.0	Israel	17.2	India	22.2
	Ethiopia	7.1	France	10.7	Colombia	8.2	Turkey	9.9	Hong Kong	14.1
	Ghana	7.1	Greece	9.8	Venezuela	6.9	Saudi Arabia	7.7	Thailand	8.6
	Kenya	6.5	Italy	6.3	Jamaica	5.4	Lebanon	7.7	Japan	8.1
	TOTAL	**58.3**	**TOTAL**	**63.8**	**TOTAL**	**48.5**	**TOTAL**	**81.5**	**TOTAL**	**76.6**
1974/75										
	Nigeria	39.2	United Kingdom	20.1	Mexico	15.2	Iran	57.6	Hong Kong	18.9
	Ethiopia	11.1	Greece	13.7	Venezuela	10.2	Israel	10.0	Taiwan	17.5
	Ghana	7.3	Germany, F.R.	11.7	Colombia	9.1	Lebanon	6.6	India	16.5
	Egypt	5.3	France	11.7	Brazil	7.5	Saudi Arabia	6.4	Thailand	10.7
	Libya	5.3	Italy	5.2	Jamaica	6.8	Turkey	5.9	Japan	10.1
	TOTAL	**68.2**	**TOTAL**	**62.4**	**TOTAL**	**48.8**	**TOTAL**	**86.5**	**TOTAL**	**73.7**
1979/80										
	Nigeria	45.2	United Kingdom	19.0	Venezuela	23.3	Iran	61.3	Taiwan	21.5
	Libya	8.4	Germany, F.R.	13.3	Mexico	13.4	Saudi Arabia	11.4	Japan	15.0
	Kenya	5.1	Greece	13.3	Colombia	7.6	Lebanon	7.2	Hong Kong	12.1
	Ghana	5.0	France	10.0	Brazil	6.9	Jordan	5.6	India	10.7
	Egypt	4.6	Italy	4.9	Jamaica	5.1	Israel	3.3	Thailand	8.0
			Netherlands	4.9						
	TOTAL	**68.3**	**TOTAL**	**65.4**	**TOTAL**	**56.3**	**TOTAL**	**88.8**	**TOTAL**	**67.3**
1984/85										
	Nigeria	46.5	United Kingdom	18.1	Venezuela	21.2	Iran	29.4	Taiwan	15.7
	Egypt	6.1	Greece	14.6	Mexico	11.8	Saudi Arabia	13.7	Malaysia	15.1
	Ethiopia	5.4	Germany, F.R.	12.6	Colombia	8.4	Lebanon	12.3	Korea, Rep. of	11.4
	Kenya	4.8	France	10.2	Brazil	5.7	Jordan	11.9	India	10.2
	South Africa	4.1	Norway	5.4	Jamaica	4.5	Kuwait	7.0	Japan	9.2
	TOTAL	**66.9**	**TOTAL**	**60.9**	**TOTAL**	**51.6**	**TOTAL**	**74.3**	**TOTAL**	**61.6**
1987/88										
	Nigeria	29.3	United Kingdom	17.0	Mexico	13.9	Iran	23.9	Taiwan	14.8
	South Africa	7.5	Germany, F.R.	14.8	Venezuela	8.5	Lebanon	13.3	China	13.9
	Egypt	7.3	France	11.1	Colombia	7.6	Saudi Arabia	12.6	India	11.6
	Kenya	7.0	Greece	10.7	Brazil	6.6	Jordan	11.8	Korea, Rep. of	11.4
	Ethiopia	6.6	Spain	6.4	Peru	5.1	Kuwait	7.2	Malaysia	10.8
	TOTAL	**57.7**	**TOTAL**	**60.0**	**TOTAL**	**41.7**	**TOTAL**	**68.8**	**TOTAL**	**62.5**

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[1] *Refers to Taiwan, Hong Kong, and Macao.*

TABLE 2.4

Leading Countries or Other Places of Origin of Foreign Students and Percentage Share, Selected Years, 1954/55-1987/88

1954/55			1959/60			1964/65		
Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total
1. Canada	4,655	13.6	1. Canada	5,679	11.7	1. Canada	9,253	11.3
2. China[1]	2,553	7.5	2. China[1]	4,546	9.4	2. India	6,813	8.3
3. India	1,673	4.9	3. India	3,772	7.8	3. Taiwan	6,780	8.3
4. Japan	1,572	4.6	4. Iran	2,507	5.2	4. Iran	3,719	4.5
5. Philippines	1,476	4.3	5. Korea, Rep. of	2,474	5.1	5. Japan	3,386	4.1
6. Colombia	1,301	3.8	6. Japan	2,168	4.5	6. Hong Kong	3,279	4.0
7. Mexico	1,247	3.6	7. Philippines	1,722	3.6	7. Korea, Rep of	2,604	3.2
8. Korea, Rep. of	1,197	3.5	8. Mexico	1,356	2.8	8. Philippines	2,473	3.0
9. Iran	997	2.9	9. Venezuela	1,126	2.3	9. United Kingdom	1,959	2.4
10. Venezuela	882	2.6	10. Greece	1,095	2.3	10. Thailand	1,630	2.0
11. Greece	881	2.6	11. Thailand	1,006	2.1	11. Cuba	1,565	1.9
12. Israel	790	2.3	12. United Kingdom	993	2.0	12. Greece	1,543	1.9
13. Germany, F.R.	759	2.2	13. Cuba	935	1.9	13. Israel	1,539	1.9
14. Cuba	717	2.1	14. Jamaica	902	1.9	14. Germany, F.R.	1,504	1.8
15. United Kingdom	710	2.1	15. Turkey	835	1.7	15. Nigeria	1,382	1.7
TOTAL	**21,410**	**62.6**	**TOTAL**	**31,116**	**64.3**	**TOTAL**	**49,429**	**60.3**

1969/70			1974/75			1979/80		
Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total
1. Canada	13,318	9.9	1. Iran	13,780	8.9	1. Iran	51,310	17.9
2. Taiwan	12,029	8.9	2. Hong Kong	11,060	7.2	2. Taiwan	17,560	6.1
3. India	11,327	8.4	3. Taiwan	10,250	6.6	3. Nigeria	16,360	5.7
4. Hong Kong	7,202	5.3	4. India	9,660	6.2	4. Canada	15,130	5.2
5. Iran	5,175	3.8	5. Canada	8,430	5.5	5. Japan	12,260	4.3
6. Cuba	4,487	3.3	6. Nigeria	7,210	4.7	6. Hong Kong	9,900	3.5
7. Thailand	4,372	3.2	7. Thailand	6,250	4.0	7. Venezuela	9,860	3.4
8. United Kingdom	4,216	3.1	8. Japan	5,930	3.8	8. Saudi Arabia	9,540	3.3
9. Japan	4,156	3.1	9. Mexico	4,000	2.6	9. India	8,760	3.1
10. Korea, Rep. of	3,991	3.0	10. Korea, Rep. of	3,390	2.2	10. Thailand	6,500	2.3
11. Philippines	2,782	2.1	11. Pakistan	3,140	2.0	11. Lebanon	6,040	2.1
12. Germany, F.R.	2,634	2.0	12. United Kingdom	2,770	1.8	12. Mexico	5,650	2.0
13. Mexico	2,501	1.9	13. Venezuela	2,680	1.7	13. Vietnam	5,050	1.8
14. Israel	2,288	1.7	14. Israel	2,390	1.5	14. Korea, Rep. of	4,890	1.7
15. Colombia	2,045	1.5	15. Colombia	2,380	1.5	15. Jordan	4,720	1.6
TOTAL	**82,523**	**61.2**	**TOTAL**	**93,320**	**60.2**	**TOTAL**	**183,530**	**64.0**

1984/85			1986/87			1987/88		
Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total
1. Taiwan	22,590	6.6	1. Taiwan	25,660	7.3	1.Taiwan	26,660	7.5
2. Malaysia	21,720	6.3	2. Malaysia	21,640	6.2	2. China	25,170	7.1
3. Nigeria	18,370	5.4	3. China	20,030	5.7	3. India	21,010	5.9
4. Iran	16,640	4.9	4. Korea, Rep. of	19,940	5.7	4. Korea, Rep. of	20,520	5.8
5. Canada	16,430	4.8	5. India	18,350	5.3	5. Malaysia	19,480	5.5
6. Korea, Rep. of	15,370	4.5	6. Canada	15,700	4.5	6. Japan	18,050	5.1
7. India	14,610	4.3	7. Japan	15,070	4.3	7. Canada	15,690	4.4
8. Venezuela	13,160	3.8	8. Iran	12,230	3.5	8. Hong Kong	10,650	3.0
9. Japan	10,290	3.0	9. Nigeria	11,700	3.3	9. Iran	10,420	2.9
10. Hong Kong	10,130	3.0	10. Hong Kong	11,010	3.2	10. Indonesia	9,010	2.5
11. China	10,100	3.0	11. Indonesia	9,240	2.6	11. Nigeria	8,340	2.3
12. Saudi Arabia	7,760	2.3	12. Thailand	6,480	1.9	12. United Kingdom	6,600	1.9
13. Thailand	7,220	2.1	13. Lebanon	6,450	1.8	13. Pakistan	6,570	1.8
14. Jordan	7,190	2.1	14. United Kingdom	6,240	1.8	14. Thailand	6,430	1.8
15. Lebanon	6,940	2.0	15. Pakistan	5,950	1.7	15. Mexico	6,170	1.7
TOTAL	**198,520**	**58.1**	**TOTAL**	**205,690**	**58.8**	**TOTAL**	**210,770**	**59.2**

[1] *Refers to Taiwan, Hong Kong, and Macao.*

TABLE 2.5

Leading Countries or Other Places of Origin of Foreign Students and Percentage Change, 1986/87-1987/88

Rank			Foreign Students		% Change
1986/87	1987/88	Locality	1986/87	1987/88	
1	1	Taiwan	25,660	26,660	3.9
3	2	China	20,030	25,170	25.7
5	3	India	18,350	21,010	14.5
4	4	Korea, Rep. of	19,940	20,520	2.9
2	5	Malaysia	21,640	19,480	-10.0
7	6	Japan	15,070	18,050	19.8
6	7	Canada	15,700	15,690	-0.1
10	8	Hong Kong	11,010	10,650	-3.3
8	9	Iran	12,230	10,420	-14.8
11	10	Indonesia	9,240	9,010	-2.5
9	11	Nigeria	11,700	8,340	-28.7
14	12	United Kingdom	6,240	6,600	5.8
15	13	Pakistan	5,950	6,570	10.4
12	14	Thailand	6,480	6,430	-0.8
18	15	Mexico	5,330	6,170	15.8
13	16	Lebanon	6,450	5,820	-9.8
19	17	Germany, F.R.	5,090	5,730	12.6
16	18	Saudi Arabia	5,840	5,490	-6.0
17	19	Jordan	5,650	5,140	-9.0
21	20	Singapore	4,530	4,870	7.5
22	21	Philippines	4,250	4,420	4.0
24	22	France	3,910	4,310	10.2
23	23	Greece	4,240	4,140	-2.4
20	24	Venezuela	4,870	3,790	-22.2
25	25	Colombia	3,740	3,370	-9.9
26	26	Kuwait	3,250	3,160	-2.8
27	27	Brazil	2,760	2,950	6.9
29	28	Israel	2,630	2,690	2.3
30	29	Turkey	2,490	2,630	5.6
35	30	Spain	2,050	2,500	22.0
		TOTAL	266,320	271,780	2.1

students. Other significant countries in the Middle East included Lebanon 5,820 (13.3%), Saudi Arabia 5,490 (12.6%), Jordan 5,140 (11.8%), and Kuwait 3,160 (7.2%). These countries accounted for 68.8% of the total Middle Eastern student population (**Table 2.3**).

EUROPE

With 38,820 students in the United States, Europe was the region of origin of the fourth largest group of foreign students. The Europeans constituted 10.9% of the foreign students population, up from 10.3% during the previous year (**Tables 2.0** and **2.1**). The vast majority of them were from the countries in Western Europe, with a mere 2,000 or 5.2% coming from Eastern Europe (**Table 2.2**). For the third year in a row, the proportion of foreign students coming from Europe has been above 10% of all foreign students; this probably has more to do with declining numbers of Middle Easterners and Africans than with rapid growth of Europeans, but the number of Europeans has grown steadily if not rapidly in this period.

Until the early seventies, Europeans were the third largest regional group of foreign students, after Asians and Latin Americans. However, though their actual enrollments rose, their proportion fell during this period. By the mid-seventies, they dropped to fourth place, due to increasingly large flows of students from the Middle East. Since then, actual numbers increased slowly but steadily, and, during the last decade, the European share also increased.

Leading Countries in Europe. In the past year, as in the last two decades, the United Kingdom was the largest European source of foreign students coming to the United States (**Table 2.3**). The 6,600 British students accounted for 17% of all students from this region. The Federal Republic of Germany was second again, sending 5,730 students or 14.8% of all Europeans, followed by France, with 4,310 students or 11.1%, Greece with 4,140 students or 10.7%, and Spain with 2,500 students or 6.4%. Six of every ten European foreign students in the United States were from these five nations. The foreign student populations of all leading European nations exhibited growth, with the exception of the Greek group, which contracted slightly. Indeed the populations from Spain, the Federal Republic of Germany, and France all grew by more than 10% in 1987/88, (22.0%, 12.6%, and 10.2%, respectively).

Once again, however, to understand worldwide student flows, it is important to keep in mind the absolute numbers of students sent by regional leaders. The combined total of students from the top five countries in Europe is less than the total from either Taiwan or China (**Table 2.5**).

Four countries—Greece, the Federal Republic of Germany, the United Kingdom, and France—have dominated as Europe's leading senders of foreign students over the 30-year history of the Census, although rankings among them have fluctuated. For the first several years, Greece was the leading source of students from Europe, but in the mid sixties it was displaced by the United Kingdom, which has remained the top source since then (**Table 2.3**).

AFRICA

The population of African students continued to decline in 1987/88, dropping by 9.9% to 28,450 (**Table 2.0**). They accounted for just 8.0% of all foreign students, the lowest percentage for Africans since 1972/73. This marks the fourth straight year of decline for the student population of this region (**Table 2.1**). About two-fifths of the African students (41.3%) came from West Africa, with another two-fifths split between Eastern Africa (23.6%) and North Africa (18.8%) (**Table 2.2**).

As **Table 2.1** shows, the history of the African student population in the U.S. is complex. Originally a very small component in the overall U.S. foreign student picture,

TABLE 2.6

Leading Countries or Other Places of Origin of Foreign Students Ranked by Percentage Change, 1986/87-1987/88

Locality	Foreign Students		Change	
	1986/87	1987/88	Number	%
China	20,030	25,170	5,140	25.7
Spain	2,050	2,500	450	22.0
Japan	15,070	18,050	2,980	19.8
Mexico	5,330	6,170	840	15.8
India	18,350	21,010	2,660	14.5
Germany, F.R.	5,090	5,730	640	12.6
Pakistan	5,950	6,570	620	10.4
France	3,910	4,310	400	10.2
Singapore	4,530	4,870	340	7.5
Brazil	2,760	2.950	190	6.9
United Kingdom	6,240	6,600	360	5.8
Turkey	2,490	2,630	140	5.6
Philippines	4,250	4,420	170	4.0
Taiwan	25,660	26,660	1,000	3.9
Korea, Rep. of	19,940	20,520	580	2.9
Israel	2,630	2,690	60	2.3
Canada	15,700	15,690	-10	-0.1
Thailand	6,480	6,430	-50	-0.8
Greece	4,240	4,140	-100	-2.4
Indonesia	9,240	9,010	-230	-2.5
Kuwait	3,250	3,160	-90	-2.8
Hong Kong	11.010	10,650	-360	-3.3
Saudi Arabia	5,840	5,490	-350	-6.0
Jordan	5,650	5,140	-510	-9.0
Lebanon	6,450	5,820	-630	-9.8
Colombia	3,740	3,370	-370	-9.9
Malaysia	21,640	19,480	-2,160	-10.0
Iran	12,230	10,420	-1,810	-14.8
Venezuela	4,870	3,790	-1,080	-22.2
Nigeria	11,700	8,340	-3,360	-28.7
TOTAL	**266,320**	**271,780**	**5,460**	**2.1**
% of Year Total	**76.4**	**76.3**		
YEAR TOTAL	**349,610**	**356,180**	**6,570**	**1.9**

the African proportion rose to between six and eight percent in the late sixties and early seventies. Then, in the late seventies, the African student population experienced a small explosion, mainly of Nigerian students. From 1973/74 to 1976/77, the African total nearly doubled, and by 1981/82, it had more than tripled. As a result, the share of foreign students who were Africans rose to and remained for some time at about 12%. Since 1982/83, however, African enrollments have declined by over 14,000 students and their percentage has fallen back into the 8% range.

Leading Countries in Africa. Despite the drastic decline in total numbers of Nigerian students, the 8,340 remaining Nigerians still accounted for three of every ten (29.3%) of all the African foreign students in the United States. This proportion is greater than that of the next four leading countries combined. South Africa, with 2,130 students, made up only 7.5% of the African total. The other three biggest sources in this region were Egypt with 2,090 students, accounting for 7.3%; Kenya with 1,990 students, or 7.0%; and Ethiopia with 1,870 students, or 6.6%.(**Table 2.3**). Only Cameroon and Ghana among the other African countries had as many as 1,000 students (**Table 2.7**). Also of interest is the fact that, of the top thirty national groups worldwide, Nigerians experienced both the greatest percentage decline and the greatest absolute decline in enrollments in the U.S, losing 3,360 students at a rate of 28.7% per year (**Table 2.6**).

Long-term enrollment trends for the African countries have, until recently, shown increasingly larger shares of students held by Nigeria, and smaller shares held by Egypt (**Table 2.3**). Until 1960, Egypt was the source of one quarter of all students from Africa and Nigeria of a little over one-eighth. Ten years later, nearly half of the students (45.2%) were Nigerian and a mere 4.6% were Egyptian. Throughout the early 1980's, about half of all African students have been Nigerian, while slightly over 6% were Egyptians, but in the past few years, Nigerian enrollments have plummeted, bringing their share below 30%.

NORTH AMERICA AND OCEANIA

There were16,370 North American foreign students in the United States last year, over 95% of whom were Canadian. Merely 70 more than in the previous year, they accounted for 4.6% of the total foreign student population (**Tables 2.0** and **2.1**). Over the history of the Census, despite the four-fold increase in their numbers, their share shrank in inverse proportion. Thus, while 4,714 North Americans accounted for 13.8% of all foreign students in the U.S. in 1954/55, 16,370 such students accounted for a mere 4.6% of foreign students last year. The absolute population has hovered around 16,000 throughout the eighties making it perhaps the most stable regional population among foreign students (**Table 2.3**).

The number of Oceanian students, by far the smallest regional grouping, showed a significant decline of 14.4% this year, dropping from 4,230 students in 1986/87 to 3,620 in 1987/88. This is the first time in the 1980's that the size of this population has shown any significant change. It now accounts for 1.0% of the foreign student population, compared to the 1.2% it held since 1981/82 (**Tables 2.0**, **2.1** and **2.3**).

LEADING COUNTRIES OR OTHER PLACES OF ORIGIN WORLDWIDE

Tables 2.5 and 2.6, which present the figures for the thirty leading sources of foreign students to the United States, show that a number of interesting changes occurred among the top ten sending countries or other places during the last two years. Taiwan retained its position as the leading site of origin among foreign students with 26,660 students, 1,000 more than in the previous year. However, China, with a tremendous increase of over 25%, an actual increase of 5,140

TABLE 2.7

Countries and Other Places with 1,000 or More Students in the U.S., 1987/88

Locality	Foreign Students
1 Taiwan	26,660
2 China	25,170
3 India	21,010
4 Korea, Rep. of	20,520
5 Malaysia	19,480
6 Japan	18,050
7 Canada	15,690
8 Hong Kong	10,650
9 Iran	10,420
10 Indonesia	9,010
11 Nigeria	8,340
12 United Kingdom	6,600
13 Pakistan	6,570
14 Thailand	6,430
15 Mexico	6,170
16 Lebanon	5,820
17 Germany, F. R.	5,730
18 Saudi Arabia	5,490
19 Jordan	5,140
20 Singapore	4,870
21 Philippines	4,420
22 France	4,310
22 Greece	4,140
23 Venezuela	3,790
24 Colombia	3,370
25 Kuwait	3,160
26 Brazil	2,950
27 Israel	2,690
28 Turkey	2,630
29 Spain	2,500
30 Peru	2,290
31 Jamaica	2,280
32 Italy	2,200
33 Bangladesh	2,170
34 South Africa	2,130
35 Nicaragua	2,100
36 Egypt	2,090
37 Trinidad & Tobago	2,050
38 Sri Lanka	2,030
39 Kenya	1,990
40 Panama	1,910
41 Cyprus	1,890
42 Vietnam	1,890
43 Norway	1,880
44 Ethiopia	1,870
45 Syria	1,740
46 Bahamas	1,710
47 Argentina	1,650
48 Netherlands	1,630
49 Sweden	1,600
50 Australia	1,490
51 Haiti	1,460
52 Cameroon	1,400
53 United Arab Emirates	1,380
54 Honduras	1,250
55 Cuba	1,230
56 Ireland	1,170
57 Ecuador	1,110
58 Chile	1,110
59 Ghana	1,110
60 El Salvador	1,110
61 Switzerland	1,040
62 Pacific Islands Trust Terr.	1,030
TOTAL	**326,770**

students, became the second source to have over 25,000 students in the United States and moved from third to second on the list of largest senders. Indian enrollments also jumped 14.5%, bringing their total to 21,010 compared to 18,350 in 1986/87. As a result, India moved into third place from fifth, crossing the 20,000 student mark for the first time, as did the Republic of Korea (20,520), which remained fourth on the list. The Malaysian student group decreased by 10% and dropped from second to fifth, with an enrollment of 19,480 students. Japan gained nearly one fifth (19.8%), bringing its total from 15,070 to 18,050, and moved from seventh place to sixth, changing places with Canada. On the other hand, the Nigerian, Iranian and Venezuelan foreign student populations showed large declines. The number of Nigerian students decreased by 3,360, to 28.7% of its 1986/87 population, becoming the eleventh biggest source instead of the ninth. Similarly, Iranian students decreased by 14.8%, falling from eighth to ninth place, while Venezuelan students decreased by 22.2%, dropping from twentieth to twenty-fourth place.

Regionally, twelve of the thirty largest sources of foreign students were from Asia, including all of the top six and eight of the top ten. Seven were from the Middle East, five from Europe, four from South America, and one each from Africa and North America; none of the top thirty sources were in Oceania (**Table 2.5**).

In **Table 2.6**, the top thirty countries or other places of origin are ranked according to the rate of change in their foreign student populations. From 1986/87 to 1987/88, eight national groups had an increase of more than 10% in their enrollments, and seven had a decrease of more than 9%. China gained the largest percentage for the fifth consecutive year, increasing by 25.7%; Spain was second, with 22.0%; and Japan third, with 19.8%. Taiwan had the fourth largest absolute gain with 1,000 students, but because of its large base number, this translated into a small 3.9% gain. The three largest declines were registered by Nigeria, Venezuela, and Iran with -28.7%, -22.2% and -14.8%, respectively. These figures represent continuing trends for all three countries. Malaysia also declined by 10.0%, after several years of an increasing population.

There were 63 countries with more than 1,000 student studying in the United States in 1987/88, as **Table 2.7** shows, accounting for 91.7% of all foreign students in this country. These figures have remained stable for several years.

3. ACADEMIC CHARACTERISTICS

FIELD OF STUDY

As in every other year that IIE has conducted the Annual Census of Foreign Students, engineering was the most popular field of study among international students in the United States, with 20.7% of all foreign students in that field. Business and management was the only other field of study to garner more than 10% of the foreign students, with 18.8% of them. Math and computer sciences was third, chosen by 9.9%, followed by the physical and life sciences attracting 8.3%, and the social sciences, enrolling 7.7%. (**Appendix A3 contains a summary of field of study categories, as well as the National Center for Educational Statistics detailed classification of programs within fields of study**).

Although the rank order of the top five field of study choices of foreign students has not changed in several years, **Table 3.0** does reveal some interesting trends over the past three years. Engineering, although still the leading field, has been experiencing a slow but steady decline in its share of foreign students, dropping from 21.7% in 1985/86 to 21.3% in 1986/7, and to 20.7% last year. Business and management, on the other hand, has been very constant at the 19% level over the same period. Math and computer sciences has dropped about 0.5% in the past three years, while the physical and life sciences and the social sciences have increased by about the same amount.

While the above analysis indicates what percentage shares various fields of study hold of the total international student population, **Table 3.0** presents information on the rate of expansion or contraction for each field relative to the previous year and irrespective of other fields. The three fastest growing fields of study were agriculture, which expanded at a rate of 10.1% (730 more students) after several years of contraction. Other large gains were registered by the humanities, with an 8.0% (1,050 more students) increase on top of a 10% increase the previous year; and the social sciences, increasing by 8.0% (2,040 more students). The most significant decrease was in the field of education, which lost 8.2% (990 fewer students).

Despite the relative stability of field of study choices in the past few years, substantial long term shifts have

3.A
Foreign Students by Field of Study, 1987/88

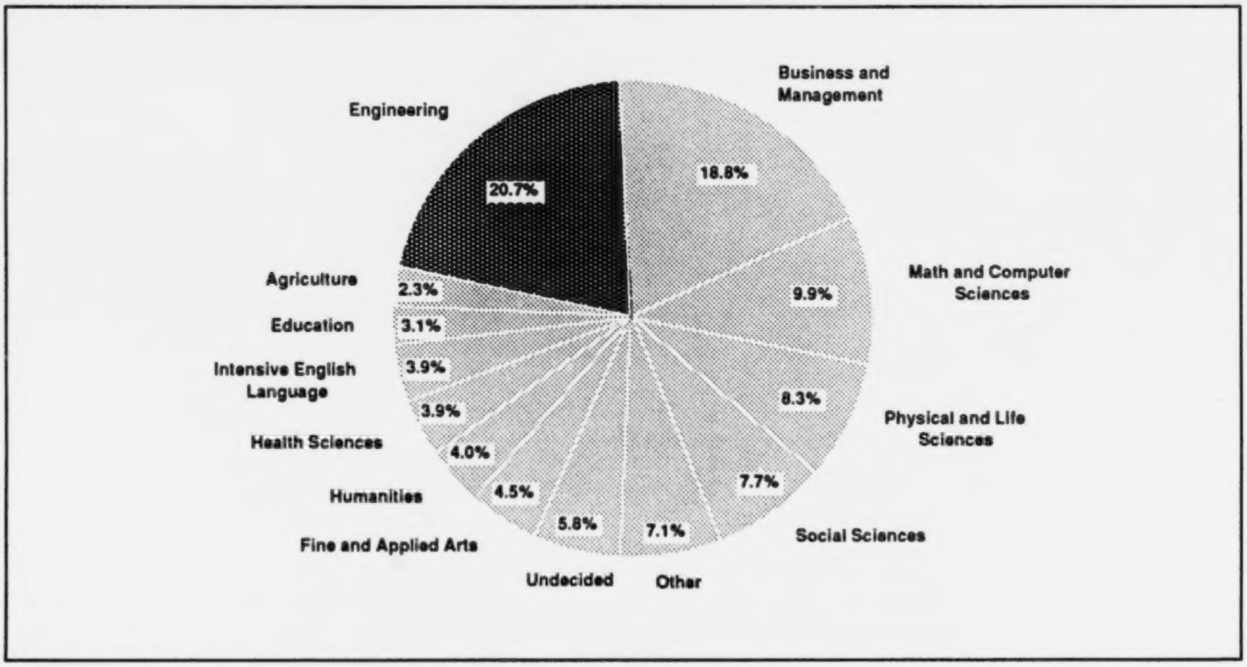


TABLE 3.0

Foreign Students by Field and Subfield of Study and Percentage Change, 1985/86-1987/88

Field of Study	1985/86			1986/87			1987/88		
	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change
Agriculture	7,400	2.1	-1.9	7,200	2.1	-2.7	7,930	2.3	10.1
Agribusiness and Agricultural Production	2,100	0.6	1.9	2,000	0.6	-4.8	2,080	0.6	4.0
Agricultural Sciences	4,490	1.3	-4.1	4,290	1.2	-4.5	4,820	1.4	12.4
Renewable Natural Resources	810	0.2	1.3	910	0.3	12.3	1,030	0.3	13.2
Business and Management	64,970	18.9	0.1	66,140	18.9	1.8	66,990	18.8	1.3
Business and Management, General	58,230	16.9	0.1	59,600	17.0	2.4	59,940	16.8	0.6
Business and Office	3,330	1.0	-5.4	3,190	0.9	-4.2	3,800	1.1	19.1
Consumer, Personal and Misc. Services	230	0.1	-20.7	260	0.1	13.0	310	0.1	19.2
Marketing and Distribution	3,180	0.9	8.2	3,090	0.9	-2.8	2,940	0.8	-4.9
Education	11,680	3.4	-3.8	12,130	3.5	3.9	11,140	3.1	-8.2
Engineering	74,580	21.7	-1.0	74,290	21.3	-0.4	73,880	20.7	-0.6
Engineering, General	64,520	18.8	-0.6	62,170	17.8	-3.6	62,790	17.6	1.0
Engineering-Related Technologies	9,010	2.6	-3.5	10,750	3.1	19.3	9,900	2.8	-7.9
Construction Trades	220	0.1	10.0	230	0.1	4.5	220	0.1	-4.3
Mechanics and Repairers	470	0.1	-11.3	540	0.2	14.9	320	0.1	-40.7
Precision Production	140	—	-12.5	150	0.0	7.1	120	---	-20.0
Transportation and Material Moving	220	0.1	-15.4	450	0.1	104.5	530	0.1	17.8
Fine and Applied Arts	15,400	4.5	-3.1	14,820	4.2	-3.8	15,860	4.5	7.0
Architecture and Environmental Design	6,540	1.9	3.2	5,950	1.7	-9.0	6,280	1.8	5.5
Industrial Arts	890	0.3	3.5	820	0.2	-7.9	710	0.2	-13.4
Visual and Performing Arts	7,970	2.3	-8.4	8,050	2.3	1.0	8,870	2.5	10.2
Health Sciences	13,880	4.0	3.5	14,350	4.1	3.4	13,910	3.9	-3.1
Allied Health	3,200	0.9	4.6	3,000	0.9	-6.3	2,860	0.8	-4.7
Health Sciences	10,680	3.1	3.2	11,350	3.2	6.3	11,050	3.1	-2.6
Humanities	11,910	3.5	-8.6	13,200	3.8	10.8	14,250	4.0	8.0
Foreign Languages	2,790	0.8	-2.1	3,230	0.9	15.8	3,650	1.0	13.0
Letters	5,190	1.6	-17.0	5,480	1.6	5.6	6,080	1.7	10.9
Philosophy and Religion	1,390	0.4	6.9	1,720	0.5	23.7	1,800	0.5	4.7
Theology	2,540	0.7	-3.4	2,770	0.8	9.1	2,720	0.8	-1.8
Mathematics and Computer Sciences	35,910	10.4	0.8	35,440	10.1	-1.3	35,400	9.9	-0.1
Computer and Information Sciences	27,910	8.1	1.4	27,080	7.7	-3.0	26,680	7.5	-1.5
Mathematics	8,000	2.3	-1.4	8,360	2.4	4.5	8,720	2.4	4.3
Physical and Life Sciences	26,830	7.8	3.4	27,370	7.8	2.0	29,250	8.3	6.9
Life Sciences	10,040	2.9	0.9	9,920	2.8	-1.2	10,920	3.1	10.1
Physical Sciences	15,630	4.6	4.1	16,310	4.7	4.4	16,930	4.8	3.8
Science Technologies	1,160	0.3	17.2	1,140	0.3	-1.7	1,400	0.4	22.8
Social Sciences	24,710	7.2	-1.2	25,610	7.3	3.6	27,650	7.7	8.0
Area and Ethnic Studies	830	0.2	-18.6	920	0.3	10.8	1,190	0.3	29.3
Parks and Recreation	230	0.1	15.0	250	0.1	8.7	270	0.1	8.0
Protective Services	470	0.1	-17.5	610	0.2	29.8	500	0.1	-18.0
Psychology	3,260	1.0	0.6	3,310	0.9	1.5	3,510	1.0	6.0
Public Affairs	2,700	0.8	3.8	2,920	0.8	8.1	3,020	0.8	3.4
Social Sciences	17,220	5.0	-0.9	17,600	5.0	2.2	19,160	5.4	8.9
Other	23,540	6.9	5.8	25,850	7.4	9.8	25,100	7.1	-2.9
Communications	4,310	1.3	6.2	4,890	1.4	13.5	5,060	1.4	3.5
Communications Technologies	590	0.2	51.3	720	0.2	22.0	520	0.1	-27.8
Home Economics	1,980	0.6	5.9	1,850	0.5	-6.6	1,700	0.5	-8.1
Law	1,650	0.5	-4.1	2,020	0.6	22.4	2,150	0.6	6.4
Liberal/General Studies	10,470	3.0	10.9	11,160	3.2	6.6	11,020	3.1	-1.3
Library and Archival Sciences	690	0.2	13.1	770	0.2	11.6	660	0.2	-14.3
Military Sciences	130	—	—	210	0.1	61.5	50	---	-76.2
Military Technologies	—	—	—	---	---	---	10	---	—
Multi/Interdisciplinary Studies	2,090	0.6	-12.9	2,000	0.6	-4.3	1.870	0.5	-6.5
Personal and Social Development[1]	1,360	0.4	3.0	1,970	0.6	44.9	1,840	0.5	-6.6
Vocational Home Economics	270	0.1	22.7	260	0.1	-3.7	220	0.1	-15.4
Intensive English Language	12,870	3.7	16.9	13,530	3.9	5.1	14,030	3.9	3.7
Undeclared	20,100	5.9	0.8	19,680	5.6	-2.1	20,790	5.8	5.6
TOTAL	343,780	100.0	0.5	349,610	100.0	1.7	356,190	100.0	1.9

[1] *Includes Basic Skills, Citizenship/Civic Activities, Health-Related Activities, Interpersonal Skills,Leisure and Recreational Activities, and Personal Awareness.*

TABLE 3.1

Foreign Students by Field of Study, Selected Years, 1954/55-1987/88

Field of Study	1954/55 Foreign Students	1954/55 % of Total	1959/60 Foreign Students	1959/60 % of Total	1964/65 Foreign Students	1964/65 % of Total	1969/70 Foreign Students	1969/70 % of Total
Agriculture	1,199	3.5	1,615	3.3	3,211	3.9	3,667	2.7
Business and Management	2,953	8.6	4,114	8.5	7,116	8.7	15,587	11.6
Education	1,457	4.3	3,483	5.1	3,999	4.9	7,779	5.8
Engineering	7,618	22.3	11,279	23.3	18,084	21.9	29,731	22.0
Fine and Applied Arts	1,997	5.8	2,417	5.0	3,946	4.8	6,297	4.7
Health Sciences	3,184	9.3	3,685	7.6	4,918	6.0	5,969	4.4
Humanities	5,502	16.1	6,829	14.1	12,137	14.7	20,211	15.0
Mathematics and Computer Sciences	436	1.3	1,015	2.1	2,670	3.2	4,400	3.3
Physical and Life Sciences	3,681	10.7	6,261	12.9	11,731	14.2	17,006	12.6
Social Sciences	5,041	14.7	6,782	14.0	12,609	15.3	17,272	12.8
Other	566	1.7	482	1.0	607	0.7	597	0.4
Intensive English Language	—	—	—	—	—	—	—	—
Undeclared	—	—	—	—	—	—	—	—
All Foreign Students	**34,232**	**98.3**	**48,486**	**96.9**	**82,045**	**98.3**	**134,959**	**95.2**

Field of Study	1975/76 Foreign Students	1975/76 % of Total	1979/80 Foreign Students	1979/80 % of Total	1984/85 Foreign Students	1984/85 % of Total	1987/88 Foreign Students	1987/88 % of Total
Agriculture	5,270	2.9	8,750	3.1	7,540	2.2	7,930	2.3
Business and Management	28,670	16.0	46,960	16.4	64,930	19.0	66,990	18.8
Education	9,790	5.5	12,340	4.3	12,140	3.6	11,140	3.1
Engineering	42,000	23.4	76,950	26.9	75,370	22.0	73,880	20.7
Fine and Applied Arts	8,320	4.6	14,350	5.0	15,900	4.7	15,860	4.5
Health Sciences	7,180	4.0	10,950	3.8	13,410	3.9	13,910	3.9
Humanities	15,030	8.4	11,340	4.0	13,030	3.8	14,250	4.0
Mathematics and Computer Sciences	9,060	5.1	15,390	5.4	35,630	10.4	35,400	9.9
Physical and Life Sciences	23,910	13.3	21,880	7.6	25,960	7.6	29,250	8.3
Social Sciences	20,730	11.6	22,530	7.9	25,000	7.3	27,650	7.7
Other	9,380	5.2	12,600	4.4	22,250	6.5	25,100	7.1
Intensive English Language	—	—	12,170	4.2	11,010	3.2	14,030	3.9
Undeclared	—	—	20,130	7.0	19,940	5.8	20,790	5.8
All Foreign Students	**179,340**	**100.0**	**286,340**	**100.0**	**342,110**	**100.0**	**356,190**	**100.0**

occurred that can be seen by examining **Table 3.1** and **Figure 3.B**. As noted above, engineering has always been the top choice of foreign students and has also been relatively stable, attracting 22-24% of the student population, although it did rise above 25% for a brief period in the late seventies and early eighties. Other fields have not been so stable. Business and management has been chosen by increasingly larger numbers of students. Until the mid-sixties it was only the sixth most popular field, chosen by only about 8% of the foreign students. However, as many as 12% majored in it by 1970, and since the mid-seventies, it has accounted for between 16 and 19% of the student population, becoming the second most popular field of study throughout the eighties. The humanities was originally the second most popular field of study among foreign students. It remained so until the mid seventies, when it fell drastically in popularity: in 1969/70 it attracted 15.0% of the students, in 1975/76 a low 8.4%, and in 1979/80 a scant 4.0%,where it remained in 1987/88. Enrollments in math and computer sciences, not surprisingly, given the advent of the computer age, have multiplied manyfold, from an insignificant 1.3% of all foreign students in 1954/55 to roughly 10% in the 1980's. The percentage of students studying the social sciences has roughly halved in the lifetime of the survey, dropping from 14.7% in 1954/55 to 7.7% in 1987/88. The physical and life sciences have also experience a decrease in enrollments from over 12% in 1959/60 to approximately 7% to 8% in the past several years.

Enrollment in Two-and Four-Year Institutions by Field of Study. As **Table 3.2** reveals, the vast majority (87.1%) of all international students studied at four-year institutions, but that proportion was much higher in certain fields of study. For instance, 97.2% of all students who studied the humanities were in four-year schools, as were 97.0% of students in the physical and life sciences, 96.6% of the social science majors, and 95.5% of agriculture students. In most other fields, the percentages attending two-year and four-year schools are close to the national average. However, in two fields of study more than 20% of the international population studied in two-year institutions, the non delineated

3.B
Foreign Students by Field of Study, Selected Years, 1954/55 - 1987/88

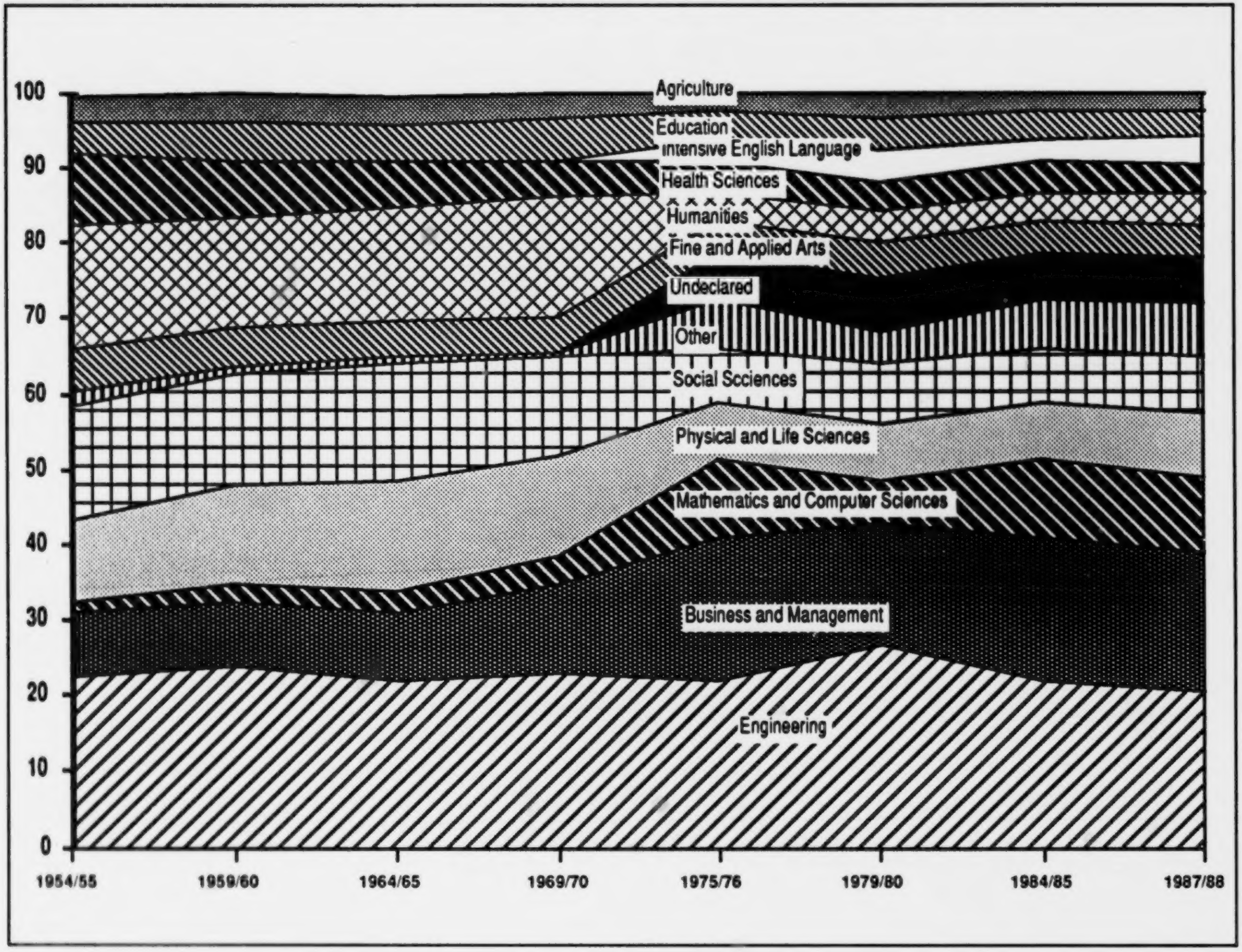


TABLE 3.2

Foreign Students Within Field of Study by Type of Institution Attended, 1987/88

% of All Foreign Students			% of All Foreign Students	
Two-Year Institutions	**Four-Year Institutions**	**Field of Study**	**Public Institutions**	**Private Institutions**
4.5	95.5	Agriculture	91.7	8.3
13.1	86.9	Business and Management	59.8	40.2
5.3	94.7	Education	72.2	27.8
8.0	92.0	Engineering	70.1	29.9
8.3	91.7	Fine and Applied Arts	56.8	43.2
14.3	85.7	Health Sciences	64.5	35.5
2.8	97.2	Humanities	46.7	53.3
12.5	87.5	Mathematics and Computer Sciences	72.0	28.0
3.0	97.0	Physical and Life Sciences	69.5	30.5
3.4	96.6	Social Sciences	55.7	44.3
28.5	71.5	Other	68.7	31.3
28.4	71.6	Intensive English Language	63.6	36.4
13.6	86.4	Undeclared	63.2	36.8
12.9	**87.1**	**All Foreign Students**	**65.6**	**34.4**

TABLE 3.3

Field of Study of Foreign Students Within Two- and Four-Year Institutions, 1987/88

Field of Study	% of All Foreign Students Two-Year Institutions	Four-Year Institutions
Agriculture	0.9	2.4
Business and Management	22.3	18.4
Education	1.5	3.3
Engineering	14.9	21.5
Fine and Applied Arts	3.3	4.6
Health Sciences	5.0	3.8
Humanities	1.0	4.4
Mathematics and Computer Science	11.2	9.8
Physical and Life Sciences	2.2	9.0
Social Sciences	2.4	8.4
Other	18.1	5.7
Intensive English Language	10.1	3.2
Undeclared	7.2	5.7

"other" field of study (28.5%) and intensive English language programs (28.4%).

Enrollment In Public and Private Institutions by Field of Study. Nearly two-thirds of international students (65.6%) were enrolled in public institutions, with a corresponding 34.4% attending private institutions (**Table 3.2**). For the most part, the distribution of students within specific fields of study does not greatly deviate from this pattern. Two notable exceptions are agriculture, with 91.7% of its students attending public institutions, and the humanities, which was the only field of study with as many as one-half (53.3%) of its students in private institutions. No other field of study deviated from the average by as much as ten percent although over 70% of the students in education (72.2%), math and computer sciences (72.0%), and engineering (70.1%) were in public institutions. By contrast, more than 40% of those studying the social sciences (44.3%), the fine and applied arts (43.2%), and business and management (40.2%) enrolled in private institutions.

Fields of Study within Two - and Four - Year Institutions. Since most foreign students in the United States were enrolled in four-year institutions, the fields of study they chose were very similar to those chosen by the foreign student body as a whole, as can be seen in **Table 3.3**. Indeed the five most popular fields of study among four-year students are the same as the top five among all students.

However, choices of students attending two-year institutions varied significantly from those of students in four-year schools and from the overall pattern. On one level, they were not as diverse. While five fields of study attracted as many as 10% of the two-year college foreign students and together make up over three-quarters of the two-year college population, only two fields of study were chosen by as many as 10% of the four-year institution student population and the top five fields account for just over two thirds of the total.

In addition, two-year institution students preferred different fields of study from four-year institution students. Thus, business and management, the most popular field among foreign students attending two-year schools, was chosen by many more of these students than by students in four-year schools (22.3% compared to 18.4%), while engineering was chosen less often (14.9% compared to 21.5%). Similarly, the "other" field and intensive English language drew relatively large shares of two-year college students (18.1% and 10.1%, respectively), but minuscule proportions of four-year institution students (5.7% and 3.2%). The physical and life sciences and the social sciences accounted for much smaller shares of two-year than four-year institution foreign students.

Fields of Study Within Public and Private Institutions. As with four-year institutions, field of study choices of students in public schools generally mirror those of the foreign student population overall (**Table 3.4**). However, some differences are evident. While the top four fields of study are similar, the "other" field replaces the social sciences in the number five slot.

Choices of students in private institutions, on the other hand, display some interesting differences. Their five most favorite fields are similar to those of all foreign students, but the order is different. Business and management is most popular among foreign students in private schools with, 21.7% of the total. Engineering is second with 17.9%, followed by the social sciences (9.9%), math and computer sciences (8.0%), and the physical and life sciences (7.2%). Foreign students in

TABLE 3.4

Field of Study of Foreign Students Within Public and Private Institutions, 1987/88

Field of Study	% of All Foreign Students Public Institutions	Private Institutions
Agriculture	3.1	0.5
Business and Management	17.2	21.7
Education	3.5	2.5
Engineering	22.3	17.9
Fine and Applied Arts	3.9	5.5
Health Sciences	3.9	4.0
Humanities	2.9	6.1
Mathematics and Computer Science	11.0	8.0
Physical and Life Sciences	8.8	7.2
Social Sciences	6.6	9.9
Other	7.4	6.3
Intensive English Language	3.8	4.1
Undeclared	5.7	6.2

TABLE 3.5

Foreign Students by Academic Level and Percentage Change, 1985/86-1987/88

Academic Level	1985/86			1986/87			1987/88		
	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change
Associate	38,460	11.2	-2.6	39,980	11.4	4.0	39,380	11.1	-1.5
Bachelor's	149,200	43.4	-5.7	141,250	40.4	-5.3	137,280	38.5	-2.8
Freshman	30,110	8.7	-14.9	26,280	7.5	-12.7	26,320	7.4	0.2
Sophomore	26,040	7.6	-11.3	24,080	6.9	-7.5	22,090	6.2	-8.3
Junior	28,470	8.3	-9.6	26,710	7.6	-6.2	25,800	7.2	-3.4
Senior	34,620	10.1	-3.9	33,790	9.7	-2.4	33,720	9.5	-0.2
Unspecified	29,960	8.7	15.6	30,390	8.7	1.4	29,350	8.2	-3.5
Graduate	132,430	38.5	8.0	146,100	41.8	10.3	156,190	43.9	6.9
Master's	61,670	17.9	-1.5	68,230	19.5	10.6	71,860	20.2	5.3
Doctoral	36,590	10.6	4.7	43,710	12.5	19.5	49,420	13.9	13.1
Professional Training	3,290	1.0	-8.9	3,410	1.0	3.6	2,930	0.8	-14.1
Unspecified	30,880	9.0	44.4	30,750	8.8	-0.4	31,980	9.0	4.0
Other	23,960	6.9	8.3	22,280	6.4	-6.0	23,340	6.5	4.8
Practical Training	4,150	1.2	-3.7	4,730	1.3	14.0	4,800	1.3	1.5
Nondegree	5,680	1.7	-11	5,450	1.6	-4.0	6,550	1.8	20.2
Intensive English Language	13,860	4.0	23.9	12,100	3.5	-12.7	11,990	3.4	-0.9
TOTAL	343,780	100.0	0.5	349,610	100.0	1.7	356,190	100.0	1.9

3.C
Foreign Students by Academic Level, 1987/88

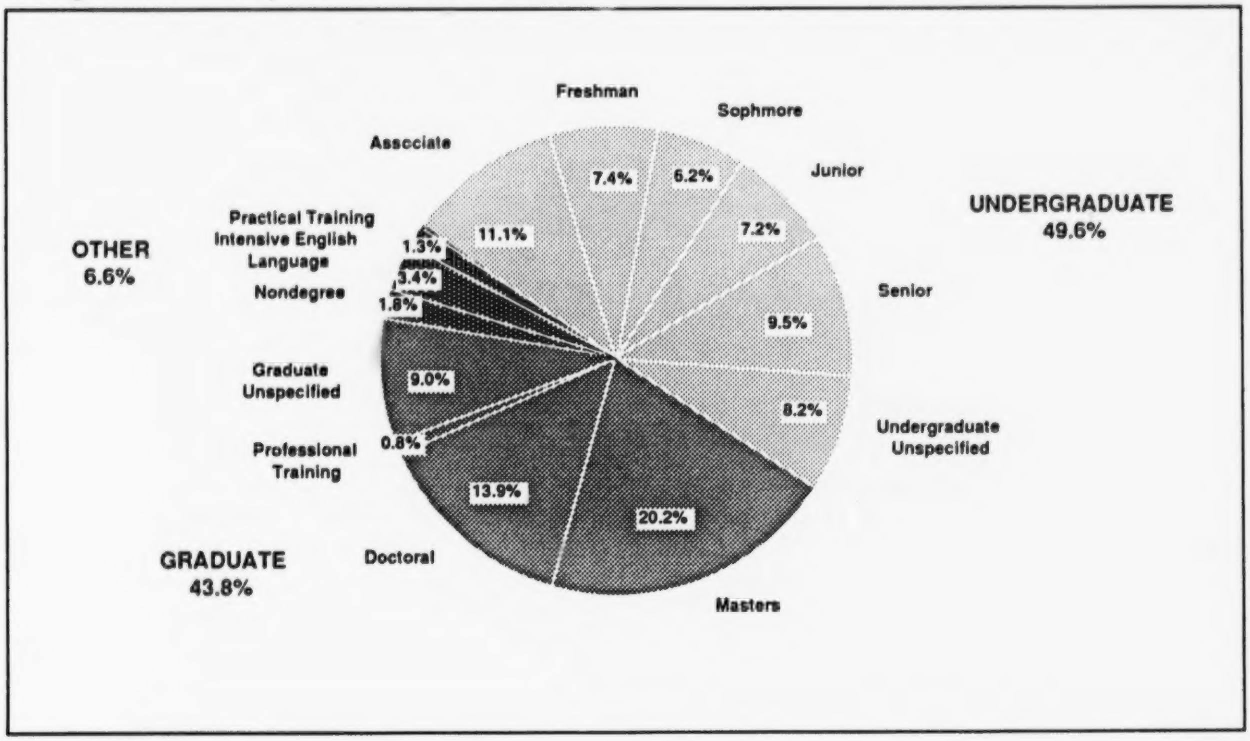


TABLE 3.6

Foreign Students by Academic Level, Selected Years, 1954/55-1987/88

Year	Academic Level		
	Under-graduate	Graduate	Other
1954/55	55.9%	35.4%	8.9%
1959/60	51.9	39.0	9.1
1964/65	46.5	42.8	10.7
1969/70	46.8	43.8	9.3
1975/76[1]	53.5	46.5	---
1979/80	60.2	32.9	6.9
1984/85	57.8	35.8	6.4
1987/88	49.6	43.9	6.5

[1] *Data on "other" academic level are not available for this year.*

TABLE 3.7

Distribution of Foreign Students Within Academic Level Among Public and Private Institutions, 1987/88

Academic Level	% in Public Institutions	% in Private Institutions
Associate	93.0	7.0
Bachelor's	58.9	41.1
Graduate	66.0	34.0
Other	58.8	41.2

private schools showed higher preference for business and management than students in public schools (21.7% compared to 17.2%) and lower preference for engineering (17.9% compared to 22.3%). Similarly, smaller proportions of private (8.0%) than of public (11.0%) school students majored in math and computer sciences. The humanities were much more popular in private institutions, attracting 6.1% of international students compared to 2.9% in public institutions. In agriculture the opposite was true, with 3.1% of foreign students in public schools in this field versus 0.5% in private institutions.

ACADEMIC LEVEL

Just under half (49.6%) of all foreign students were undergraduates last year (**Table 3.5** and **Figure 3.C**). This figure resolves into two components, those working for associate degrees (11.1% of the total foreign student population) and those working for bachelors degrees (38.5%). Graduate students accounted for 43.9% of the population, with 20.2% of all foreign students working on MA's and 13.9% working on Ph.D's. The remaining 6.5% of the foreign students were in intensive English language programs, in non-degree programs, or involved in practical training.

The absolute number as well as the share of the graduate population grew again last year, as it did in the previous several years; from 35.8% in 1984/85 it jumped to 43.9% in 1987/88. During the same period, a decline in the numbers working on bachelor's degrees has occurred, reducing their share from 46.2% to a low 38.5%, while enrollments at the associate and at the "other" level have remained stable. The doctoral level population grew most rapidly, with 13.1% more students than in the previous year.

Historically, as seen in **Table 3.6**, there have been broad changes in the numbers of students at different degree levels. In the fifties, the proportion of graduate students was low, with a significant upturn in the sixties, only to be followed by a return to lower levels in the late seventies and early eighties. In the past few years, graduate enrollments increased rapidly, while undergraduate enrollments either increased at a very slow pace or fell. As a result, we are seeing a return to the higher graduate proportions of the sixties. although at no time has the number of graduate level students outnumbered the undergraduate population.

Students at different academic levels exhibited different preferences for public and private institutions, as an examination of **Table 3.7** shows. Virtually all (93.0%) of those working on associate degrees were in public institutions, not surprisingly, given the dearth of private junior colleges. Graduate students were more likely to

TABLE 3.8

Foreign Students by Enrollment Status, 1985/86-1987/88

Enrollment Status	1985/86		1986/87		1987/88	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Full-time	314,150	91.4	317,970	90.9	320,370	89.9
Part-time	29,630	8.6	31,640	9.1	35,820	10.1

TABLE 3.9

Enrollment Status of Foreign Students by Type of Institution Attended, 1987/88

Enrollment Status	Type of Institution				
	Two-Year	Four-Year	Total	Public	Private
Full-Time	80.1%	91.3%	89.9%	88.6%	92.3%
Part-Time	19.9	8.7	10.1	11.4	7.7

be found in public institutions (66.0%) than those working on bachelor's degrees (58.9%).

ENROLLMENT STATUS

Nine of every ten (89.9%) of all foreign students in the United States studied on a full-time basis (**Table 3.8**). This percentage has remained constant over the past several years. The proportions of students who studied part time were higher in two-year (19.9%) and in public institutions (11.4%) than in four-year (8.7%) and private (7.7%) institutions.

4. PERSONAL CHARACTERISTICS

GENDER

The number and the percentage of foreign students who were women continued to increase in the last year, as it has since the late fifties. There were 114,890 female students studying in the United States, 6,010 more than in the previous year, accounting for just under a third (32.3%) of the foreign student population (**Table 4.1**). Women's representation in the foreign student body reached its nadir in 1959/60, when they captured only 21.7%. Since that time, their share has risen steadily, reaching its highest point ever in 1987/88 (**Table 4.0** and **Figure 4.A**). The proportion of women increased across all types of institutions and reached 41.7% at two-year schools, a proportion more than 10% greater than at four-year schools. The gender distributions at public and private institutions were nearly identical to each other and the overall norm (**Table 4.1**).

MARITAL STATUS

Table 4.2 shows that the percentage of foreign students who are single vastly outweighs those that are married. Eight of ten students (79.8%) were single, only about two in ten being married.(20.2%). These proportions are almost identical to last year's, and have held stable for a number of years.

As shown in **Table 4.3**, a greater proportion of two-year than four-year students were single (90.6% and 78.6% respectively). To a large extent, this is probably due to the fact that, on average, students in four-year schools are older. Public institutions and private institu-

4.A
Foreign Students by Gender, 1954/55-1987/88

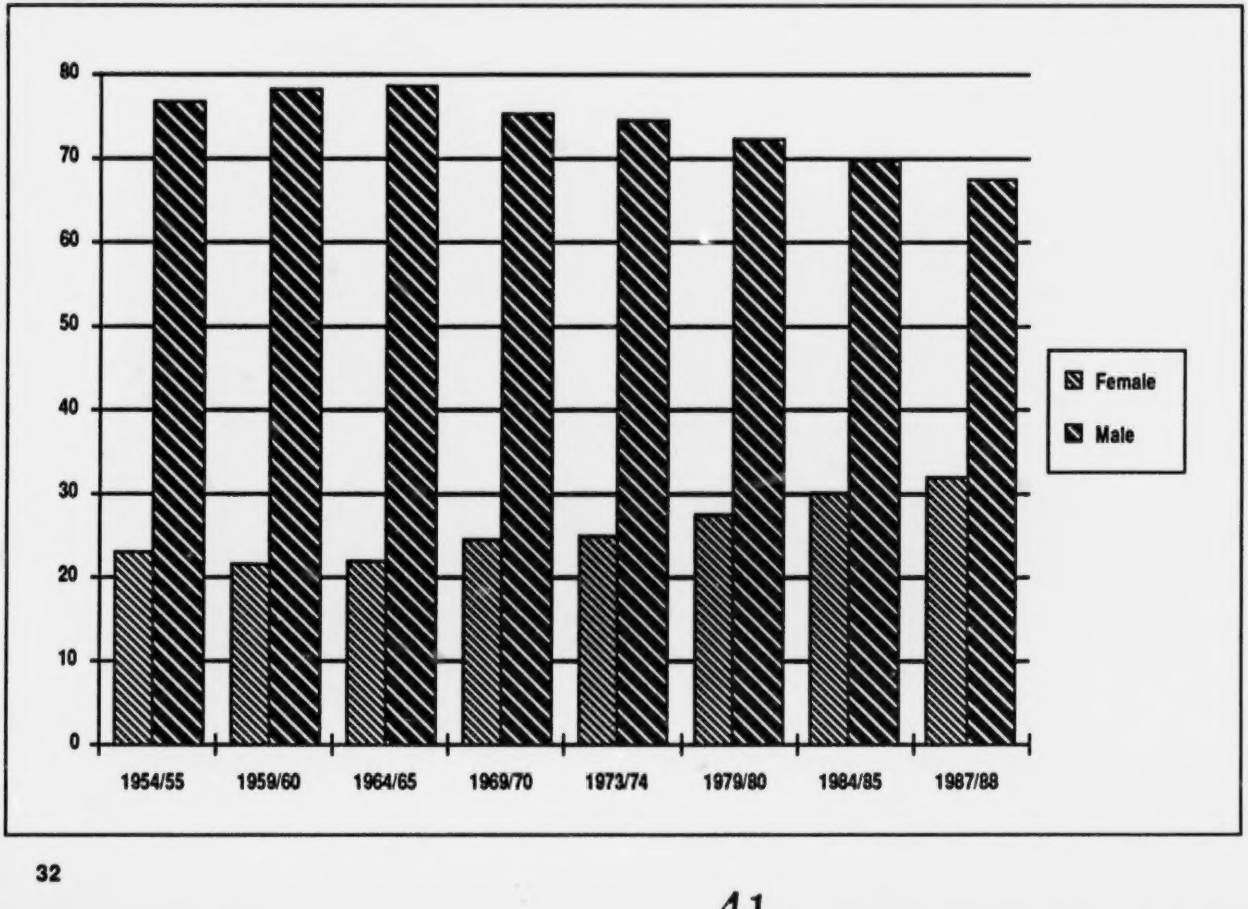


TABLE 4.0

Foreign Students by Gender, Selected Years, 1954/55-1987/88								
Gender	**1954/55**	**1959/60**	**1964/65**	**1969/70**	**1973/74**	**1979/80**	**1984/85**	**1987/88**
Male	76.8%	78.3%	78.0%	75.4%	74.7%	72.4%	69.8 %	67.7%
Female	23.2	21.7	22.0	24.6	25.3	27.6	30.2	32.3

TABLE 4.1

Gender of Foreign Students by Type of Institution Attended, 1985/86-1987/88				
Institution	**Gender**	**1985/86**	**1986/87**	**1987/88**
Two-Year	Male	72.7%	60.3%	58.3%
	Female	27.8	39.7	41.7
Four-Year	Male	70.4	69.9	68.9
	Female	29.6	30.1	31.1
Public	Male	72.2	69.5	68.2
	Female	27.8	30.5	31.8
Private	Male	67.4	67.6	66.8
	Female	32.6	32.4	33.2
All Foreign Students	**Male**	70.7	68.9	67.7
	Female	29.3	31.1	32.3

tions showed little difference in percentages of married and single students.

PRIMARY SOURCE OF FUNDS

Roughly two-thirds (64.5%) of all foreign students were funded from personal or family sources (**Table 4.4** and **Figure 4.B**). Over three-quarters (75.6%) received their major funding from sources outside the United States, with home governments subsidizing 8.7% of all foreign students. The most significant source of funds inside the United States was U.S. colleges and universities, which provided funding to 17.1% of the students. No other source funded as much as 3% or as many as 10,000 students (**Table 4.4**).

Funding from home governments, foreign private sponsors, and the U.S. government all decreased by more than 10% in the past year, falling by 11.6%, 13.0%, and 11.8% respectively. Support from U.S. colleges and universities was up 15.1% in the past year, the fourth consecutive year in which this form of support has increased. (When interpreting source of funds data, one should keep in mind that the response rate for this particular question on the survey is the lowest of any question, with information on source of funds existing for only about 53% of the students in the survey. In addition, U.S. colleges and universities are most likely to know about the contribution of their own funds, and thus the percentage reported as receiving primary support from U.S. colleges and universities may be significantly overstated).

Sources of Support in Two- and Four-Year Institutions. Students in two-year institutions rely heavily on personal and family funds, with 85.5% relying on this source (**Table 4.5**). No other source provides support to as much as 4% of the two-year-population, although foreign private sponsors and U.S. private sponsors both account for 3.8% and the home government for 2.8%. In four-year institutions the picture is very different. Although an absolute majority of 60.5% receive their primary support from personal resources, an additional 20.0%, compared to 1.8% of foreign students in two-year institutions, are primarily supported by U.S. colleges. Also interesting is the fact that home governments support 9.8% of four-year students but only 2.8%

TABLE 4.2

Marital Status of Foreign Students, 1985/86-1987/88						
	1985/86		1986/87		1987/88	
Marital Status	**Foreign Students**	**% of Total**	**Foreign Students**	**% of Total**	**Foreign Students**	**% of Total**
Single	276,050	80.0	278,580	79.7	284,330	79.8
Married	68,730	20.0	71,030	20.3	71,860	20.2

TABLE 4.3

Marital Status of Foreign Students by Type of Institution Attended, 1987/88					
	Type of Institution				
Marital Status	Two-Year	Four-Year	Year Total	Public	Private
Single	90.6%	78.6%	79.8%	78.5%	81.8%
Married	9.4	21.4	20.2	21.5	18.2

of two-year students. No other source of funding in four-year institutions accounts for as much as 3% of the total.

Sources of Support in Public and Private Institutions. Primary sources of funding of foreign students attending public and private institutions, presented in **Table 4.5**, are fairly similar. A somewhat greater proportion of foreign students in public as opposed to private institutions are studying with personal or family funds (66.3% and 61.1% respectively). The inverse relationship exists for U.S. college support, with 19.7% of

TABLE 4.4

Foreign Students by Primary Sources of Funds and Percentage Change, 1985/86-1987/88									
	1985/86			1986/87			1987/88		
Primary Source of Funds	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change
Personal and Family	230,640	67.1	1.8	224,950	64.3	-2.5	229,730	64.5	2.1
U.S. College or University	42,800	12.4	7.9	52,880	15.1	23.6	60,870	17.1	15.1
Home Government/University	38,310	11.1	-6.7	35,030	10.0	-8.6	30,950	8.7	-11.6
U.S. Private Sponsor	7,590	2.2	15.5	9,340	2.7	23.1	9,920	2.8	6.2
Foreign Private Sponsor	7,870	2.3	-21.9	9,980	2.9	26.8	8,680	2.4	-13.0
U. S. Government	6,870	2.0	-6.1	8,650	2.5	25.9	7,630	2.1	-11.8
Current Employment	6,980	2.0	-1.3	5,500	1.6	-21.2	5,430	1.5	-1.3
Other	2,720	0.8	-28.8	3,280	0.9	20.6	2,990	0.8	-8.8
TOTAL	343,780	100.0	0.5	349,610	100.0	1.7	356,190	100.0	1.9

4.B
Foreign Students by Primary Source of Funds, 1987/88

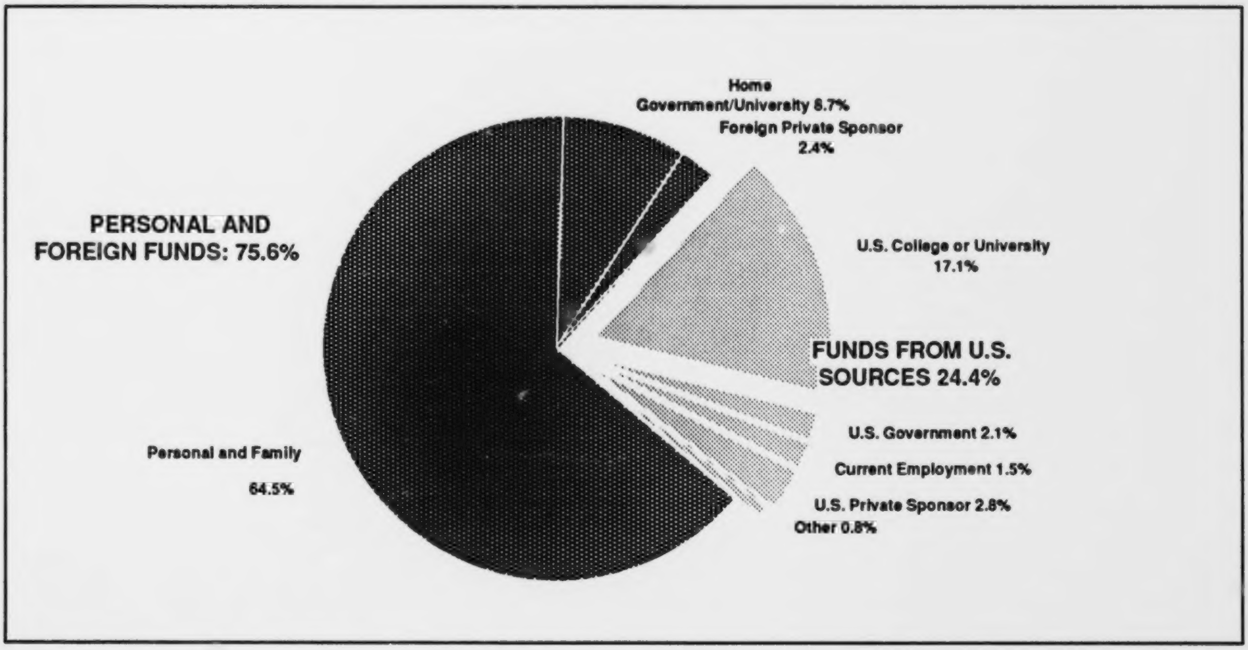


TABLE 4.5

Primary Source of Funds of Foreign Students by Type of Institution Attended, 1987/88

Primary Source of Funds	Type of Institution				
	Two-Year	Four-Year	Year Total	Public	Private
Personal and Family	85.5%	60.5%	64.5%	66.3%	61.1%
U.S. College or University	1.8	20.0	17.1	15.7	19.7
Home Government/Univesity	2.8	9.8	8.7	8.9	8.3
U.S. Private Sponsor	3.8	2.6	2.8	2.5	3.4
Foreign Private Sponsor	3.8	2.2	2.4	2.1	3.1
U. S. Government	1.3	2.3	2.1	2.5	1.5
Current Employment	1.0	1.6	1.5	1.3	2.0
Other	0.1	1.0	0.8	0.8	1.0

TABLE 4.6

Foreign Students by Visa Type, 1985/86-1987/88

Visa Type	1985/86		1986/87		1987/88	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
F Visa	280,280	81.5	283,230	81.0	282,920	79.4
J Visa	31,670	9.2	38,310	11.0	43,240	12.1
M Visa	1,040	0.3	470	0.1	460	0.1
Other Visa	18,320	5.4	17,930	5.1	21,400	6.0
Refugee	12,470	3.6	9,670	2.8	8,170	2.3
TOTAL	343,780	100.0	349,610	100.0	356,190	100.0

students in private institutions funded by their college and only 15.7% of students in public institutions receiving college funds. Both home governments and the U.S. government provide slightly more support to students in public institutions although the differences are not great (home governments fund 8.9% of all students in public and 8.3% of all students in private institutions; the U.S. government 2.5% and 1.5%, respectively). Trends within public and private institutions reflect the trends within the foreign student population as a whole, with the U.S. colleges and universities providing a greater amount of support than in the past in both types of institution.

VISA TYPE

Most students were in the United States on F visas (79.4%) last year, a significant proportion were on J visas (12.1%) with smaller numbers on other types of visas (6.0%) or with refugee status (2.3%). These figures represent a continuing slight decline in the percentage of students on F visas coupled with slight increases in J and other visas (**Table 4.6**).

A much greater percentage of students in two-year institutions (14.3%) than in four-year institutions (0.6%) were refugees. The same relationship holds for "other" visas (14.6% and 4.8%, respectively). Conversely, the proportion of J visa holders attending four-year institutions (13.6%) greatly outnumbered the proportion of students with such visas in two-year institutions (1.6%). Foreign students in public and private institutions showed no significant differences from the national average (**Table 4.7**). Definitions of visa types appear in the front of the book.

TABLE 4.7

Visa Type of Foreign Students by Type of Institution Attended, 1986/87

Visa Type	Type of Institution				
	Two-Year	Four-Year	Year Total	Public	Private
F Visa	68.9%	80.9%	79.4%	77.9%	82.1%
J Visa	1.6	13.6	12.1	12.2	12.1
M Visa	0.5	0.1	0.1	0.2	0.1
Other Visa	14.6	4.8	6.0	6.4	5.4
Refugee	14.3	0.6	2.3	3.4	0.3

5. DISTRIBUTION BY U.S. REGION AND STATE

DISTRIBUTION BY U.S. REGION

The regional distribution of foreign students remained stable between 1986/87 and 1987/88. The Northeast region again led in enrollments, with 84,252 foreign students, a 5.8% increase over the previous year. The Midwest experienced a 1.7% increase, amounting to 1,299 students, for a total of 79,587. The South, which had been the leading region until 1985/86, continued to lose students, dropping to 75,823 last year, a 1.0% decrease. Enrollments in the Pacific region increased by 3.8% to 65,256. Similarly, the Mountain region gained 8% more students, for a total of 11,562. The Southwest attracted 38,460, 3.5% fewer than in the previous year,

TABLE 5.0

Foreign Students by U.S. Region and Percentage Change, 1986/87-1987/88

Region	Foreign Students		% Change
	1986/87	1987/88	
Northeast	79,606	84,252	5.8
Midwest	78,288	79,587	1.7
South	76,582	75,823	-1.0
Pacific	62,839	65,256	3.8
Southwest	39,866	38,460	-3.5
Mountain	10,707	11,562	8.0
Other	1,721	1,247	-27.5
TOTAL	**349,609**	**356,187**	**1.9**

5.A
Foreign Students by U.S. Region, 1954/55 - 1987/88

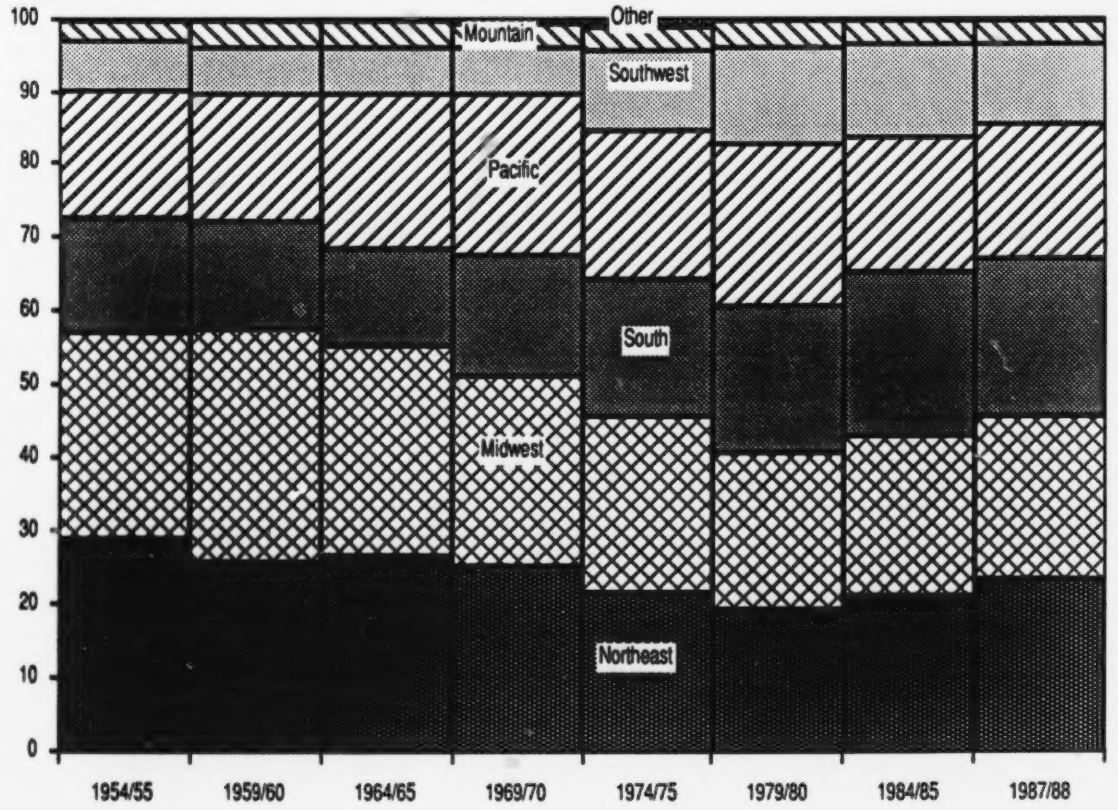


TABLE 5.1

Foreign Students by U.S. Region, Selected Years, 1954/55 - 1987/88

Region	1954/55		1959/60		1964/65		1969/70	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Northeast	9,906	28.9	12,608	26.0	21,869	26.7	33,828	25.1
Midwest	9,717	28.4	15,444	31.9	23,389	28.5	35,585	26.4
South	5,337	15.6	7,058	14.6	10,999	13.4	21,899	16.2
Pacific	5,929	17.3	8,277	17.1	17,124	20.9	29,720	22.0
Southwest	2,250	6.6	3,116	6.4	5,183	6.3	8,071	6.0
Mountain	989	2.9	1,810	3.7	3,040	3.7	4,590	3.4
Other	104	0.3	173	0.4	441	0.5	1,266	0.9
TOTAL	34,232	100.0	48,486	100.0	82,045	100.0	134,959	100.0

Region	1974/75		1979/80		1984/85		1987/88	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Northeast	33,695	21.8	55,228	19.3	72,703	21.2	84,252	23.7
Midwest	37,007	23.9	61,044	21.3	75,444	22.1	79,587	22.3
South	29,012	18.8	58,254	20.3	76,034	22.2	75,823	21.3
Pacific	31,117	20.1	62,029	21.7	61,785	18.1	65,256	18.3
Southwest	16,537	10.7	37,918	13.2	43,699	12.8	38,460	10.8
Mountain	5,245	3.4	10,023	3.5	10,978	3.2	11,562	3.2
Other	1,979	1.3	1,847	0.7	1,470	0.4	1,247	0.4
TOTAL	154,592	100.0	286,343	100.0	342,113	100.0	356,187	100.0

TABLE 5.2

World Region and Subregion of Origin of Foreign Students by U.S. Region, 1987/88

World Region	U.S. Region						
	Northeast	Midwest	South	Southwest	Mountain	Pacific	Other
Africa	18.9	22.6	31.5	15.5	2.9	8.5	—
North Africa	20.5	27.6	23.4	11.5	5.2	11.8	—
Sub Saharan Africa[1]	18.6	21.4	33.4	16.5	2.4	7.8	—
Europe	31.0	19.8	20.0	7.6	3.5	18.0	0.1
Eastern Europe	28.5	30.1	17.6	6.3	3.1	14.4	—
Western Europe	31.2	19.3	20.1	7.6	3.6	18.2	0.1
Latin America	19.1	13.6	40.9	13.9	2.7	8.9	0.9
Caribbean	22.1	8.6	58.1	5.6	0.9	2.6	2.2
Central America	11.7	14.1	34.4	24.1	3.0	12.2	0.4
South America	23.0	16.3	35.2	11.1	3.7	10.2	0.5
Middle East	18.0	23.3	21.4	14.2	3.8	19.2	—
North America	27.2	28.5	14.5	6.0	8.6	15.3	—
Oceania	15.1	13.6	8.7	7.0	4.4	39.6	11.5
Asia	21.2	27.2	16.0	11.3	2.9	21.3	0.1
East Asia	23.1	25.9	14.7	10.0	3.5	22.7	0.2
South Central Asia	27.4	26.4	20.3	13.6	2.2	10.1	—
Southeast Asia	12.7	30.4	16.0	12.5	2.3	26.0	0.1
All Foreign Students	23.7	22.3	21.3	10.8	3.2	18.3	0.4

5.B
Distribution of Foreign Students in U.S. Regions by World Region of Origin, 1987/88

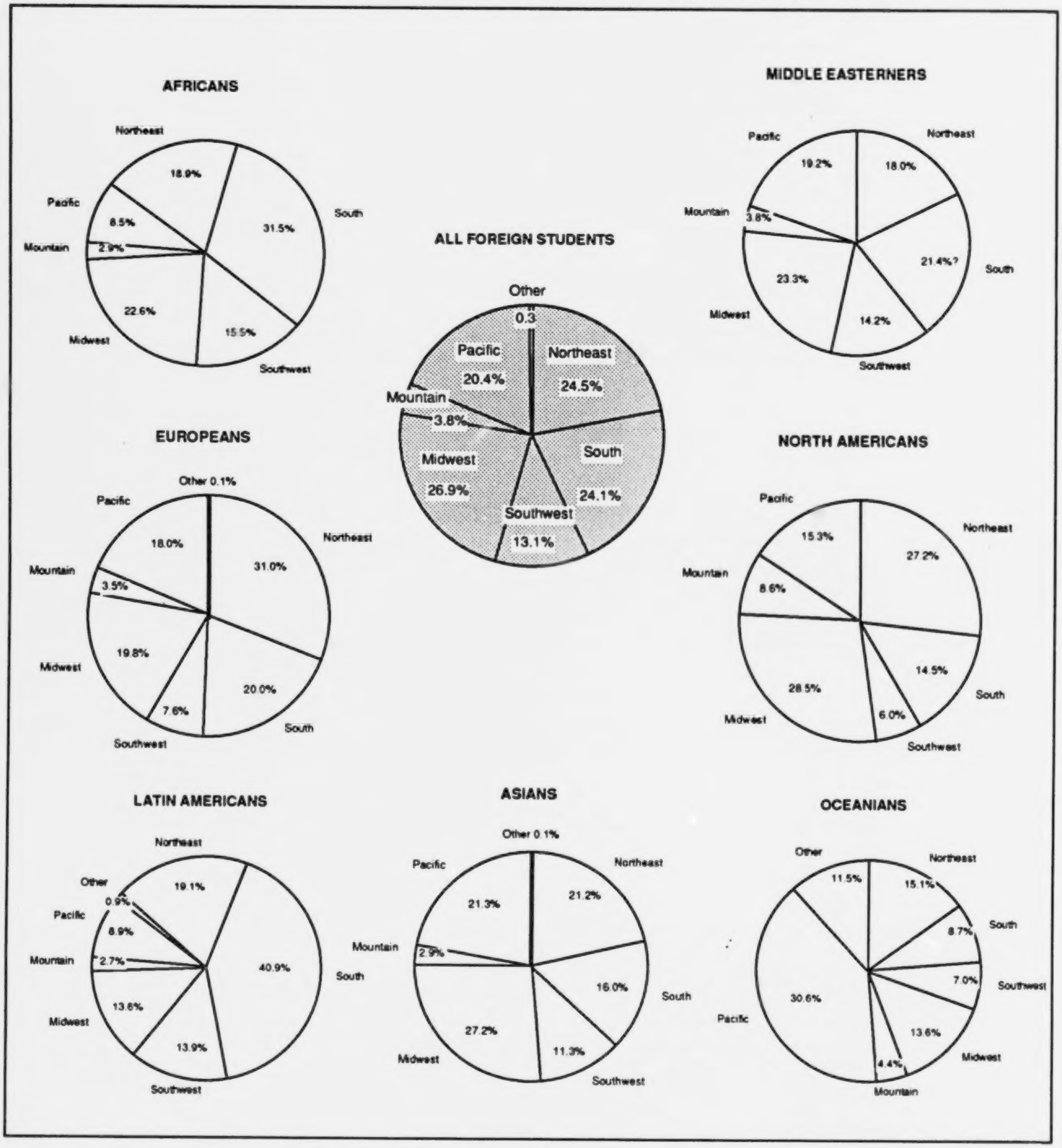


TABLE 5.3

Distribution of Foreign Students from Leading Places of Origin Among U.S. Regions, 1987/88

Locality	U.S. Region						
	Northeast	Midwest	South	Southwest	Mountain	Pacific	Other
Taiwan	18.4	27.1	15.4	14.7	2.9	21.5	0.1
China	29.8	27.6	15.0	8.3	3.9	15.4	0.1
India	29.8	26.7	21.4	11.5	1.8	8.8	0.0
Korea, Rep. of	23.1	31.0	15.9	9.5	2.6	17.7	0.2
Malaysia	10.9	39.0	20.1	13.6	2.5	13.9	0.0
Japan	24.0	19.4	15.0	5.2	5.0	31.1	0.4
Canada	26.3	29.5	13.2	6.2	9.0	15.9	0.0
Hong Kong	17.6	20.7	9.4	10.9	2.9	38.4	0.1
Iran	13.6	18.2	22.4	16.1	4.2	25.5	0.0
Indonesia	9.8	22.3	10.3	11.2	2.8	43.5	0.1
Nigeria	13.5	18.3	35.9	25.1	1.7	5.5	0.0
United Kingdom	31.0	16.6	23.6	8.4	3.4	16.9	0.1
Pakistan	21.8	26.3	17.3	19.2	3.0	12.3	0.0
Thailand	19.2	29.1	15.6	14.5	2.6	18.9	0.0
Mexico	10.2	14.6	9.7	41.2	4.2	19.9	0.1

TABLE 5.4

World Region of Origin of Foreign Students Within U.S. Regions, 1987/88

U.S.Region	World Region of Origin							
	Africa	Europe	Latin America	Middle East	North America	Oceania	Asia	Total
Northeast	7.0	15.6	11.0	10.2	5.8	0.7	49.5	100.0
Midwest	7.6	9.1	7.2	12.0	5.5	0.6	58.0	100.0
South	11.8	10.2	24.0	12.3	3.1	0.4	38.1	100.0
Pacific	3.8	10.9	6.2	13.1	3.9	2.2	59.9	100.0
Southwest	10.7	7.1	15.0	15.0	2.4	0.6	49.2	100.0
Mountain	6.9	11.5	10.2	13.8	11.8	1.3	44.4	100.0
Other	0.3	2.2	37.7	0.3	0.1	40.2	19.2	100.0
All U.S. Regions[1]	**8.0**	**10.9**	**12.5**	**12.3**	**4.6**	**1.0**	**50.7**	**100.0**

[1] *Does not include 0.1% of foreign students classified as stateless .*

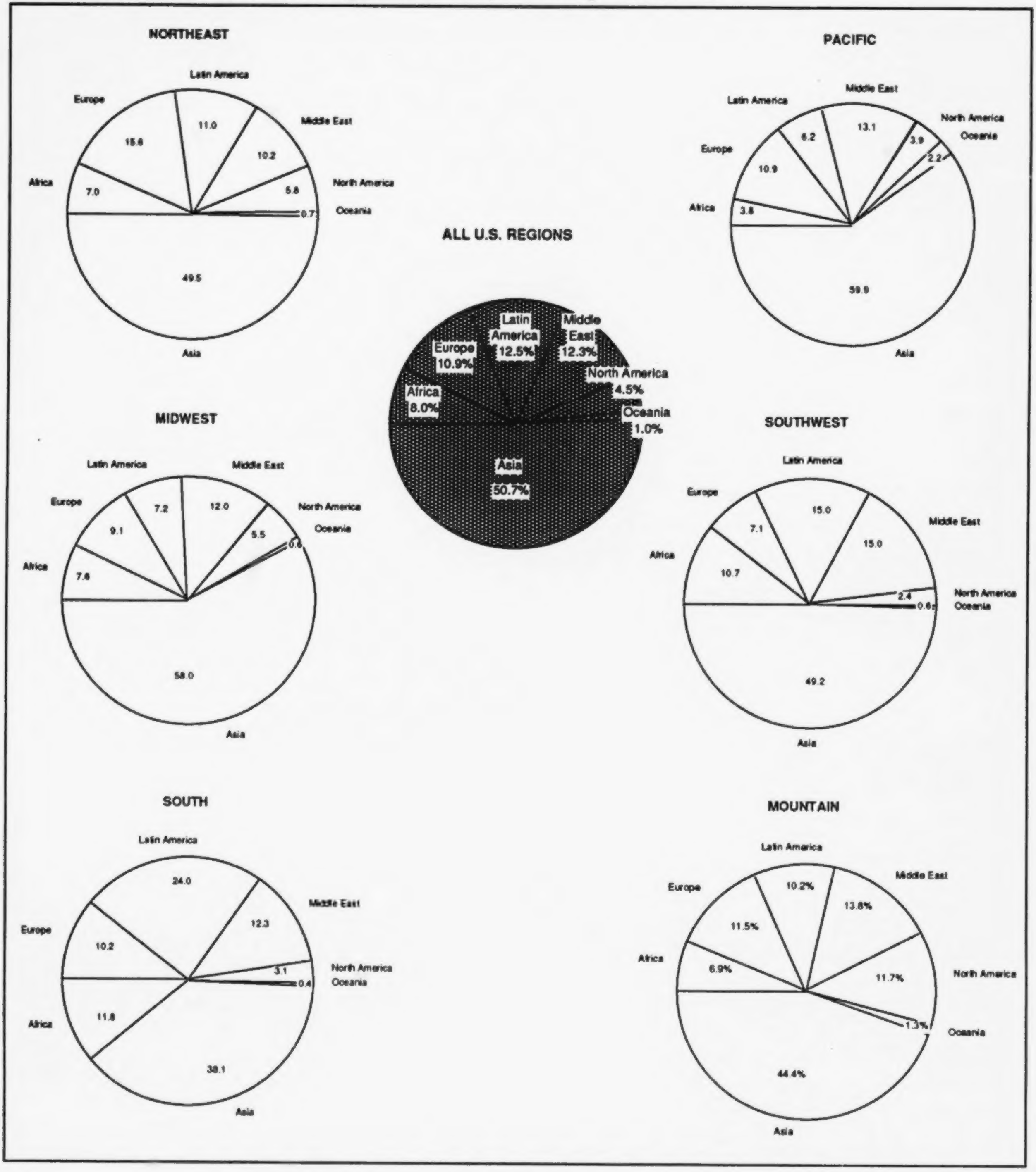
and the "Other" region experienced a 27.5% decrease, with a total loss of 474 students (**Table 5.0**) (**Appendix A.5 lists the states and territories within each U.S. region**).

Each of the three leading regions accounted for slightly over one-fifth of the foreign student population (**Table 5.1**). The Northeast enrolled 23.7%, the Midwest 22.3%, and the South 21.3%. Close behind was the Pacific region with 18.3% of the total foreign student population. The remaining regions accounted for smaller proportions: the Southwest for 10.8%, the Mountain for 3.2%, and the "Other" for 0.4%.

Foreign students have not always been so evenly distributed among U.S. regions. From 1954 to 1969, more than half of them attended institutions in the Northeast and Midwest, with almost one-third studying in the Midwest by the late fifties (**Table 5.1 and Figure 5.A**). The regional distribution remained relatively stable until the mid-seventies. Then, in the late seventies, enrollments and rankings began to fluctuate. The Pacific region, which had ranked third for many years, became the leading region in foreign student enrollment until 1980/81, but dropped to fourth place by 1982/83. Enrollments in the fourth-ranked South increased rapidly, dominating for the first time in 1983/84 and remaining first until 1985/86, when it fell to third place.

Distribution by World Region of Origin. Students from different world regions displayed varied attraction to schools in the various U.S. regions, as shown in **Table**

5.C
World Region of Origin of Foreign Studentsby U.S. Region, 1987/88



5.2 and Figure 5B.

— Africans in general (31.5%), and sub-saharan Africans in particular (33.4%), showed a greater preference for institutions in the South than foreign students overall (21.3%). Conversely, Africans were underrepresented in the Pacific region, 8.5% attending schools there, compared to 18.3% of all foreign students.

— Europeans were concentrated in the Northeast; nearly one-third of them (31.0%) attended schools in this region, although less than a quarter of the entire foreign student body (23.7%) could be found there. On the other hand, Europeans chose institutions in the Midwest, the South, and the Southwest slightly less frequently than all foreign students.

— Due, in part, to geographic proximity and cultural ties, Latin Americans displayed a disproportionately high preference for the South, and, to a lesser degree, for the Southwest. Twice as many of them (40.9%) as foreign students overall (21.3%) went to the South last year, and 13.9% (compared to 10.8%) went to the Southwest. Conversely, comparatively fewer Latin Americans than students from all world regions were found in the Midwest (13.6% and 22.3%, respectively) and in the Pacific region (8.9% and 18.3%, respectively). Students from the Caribbean exaggerated these trends with 58.1% of them being in the South and only 2.6% in the Pacific.

— The Middle Easterners' distribution among U.S. regions more or less follows the norm for all foreign students. However, they chose Northeastern institutions less frequently than all foreign students (18.0% compared to 23.7%) and the Southwest more frequently (14.2% compared to the national average of 10.8%).

— North Americans, primarily Canadians, clustered in the regions close to the border, with comparatively high proportions of them in the Midwest (28.5%), the Northeast (27.2%), and the Mountain (8.6%) regions. Not suprisingly, given geographic distance, they were underrepresented in all other U.S. regions.

— Oceanians also appear to have been influenced by geography. Four-tenths of them (39.6%) attended schools in the Pacific region, and a disproportionate 11.5% (compared to a national average of 0.4%) were in the "Other" region, which includes Guam.

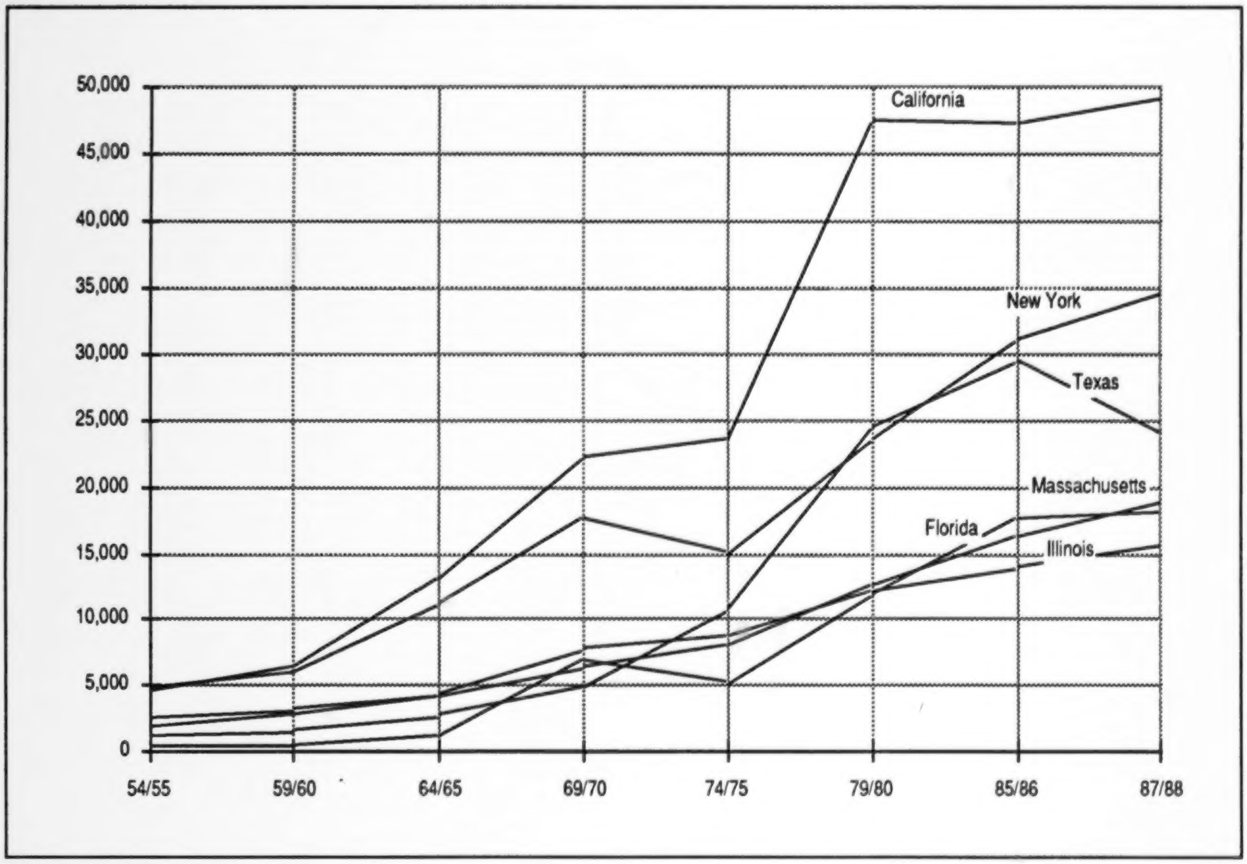
— Because such a large proportion of all foreign students were from Asia, it is not surprising that these students, for the most part, followed the norm for all foreign students. Indeed, they were not following the norm, they were setting it. Nonetheless, Asians were not as attracted to the South as other students, only 16% of them went there, but chose both the Midwest and the Pacific (27.2% and 21.3%, respectively) more often than foreign students overall.

TABLE 5.5

Foreign Students by U.S. State or Territory and Percentage Change, 1986/87-1987/88

State	Foreign Students		% Change
	1986/87	1987/88	
Alabama	3,997	4,130	3.3
Alaska	264	276	4.5
Arizona	6,008	6,560	9.2
Arkansas	1,846	1,818	-1.5
California	47,388	49,197	3.8
Colorado	4,184	4,439	6.1
Connecticut	3,937	4,010	1.9
Delaware	703	855	21.6
District of Columbia	9,722	9,298	-4.4
Florida	18,185	18,271	0.5
Georgia	5,643	6,131	8.6
Hawaii	3,415	3,648	6.8
Idaho	889	966	8.7
Illinois	14,505	15,619	7.7
Indiana	7,135	7,088	-0.7
Iowa	6,001	5,855	-2.4
Kansas	4,996	5,154	3.2
Kentucky	1,739	2,024	16.4
Louisiana	7,836	6,114	-22.0
Maine	452	615	36.1
Maryland	6,230	6,386	2.5
Massachusetts	18,227	18,946	3.9
Michigan	12,219	12,171	-0.4
Minnesota	5,157	5,089	-1.3
Mississippi	1,697	1,639	-3.4
Missouri	5,976	6,223	4.1
Montana	650	643	-1.1
Nebraska	1,929	1,801	-6.6
Nevada	589	609	3.4
New Hampshire	1,186	1,288	8.6
New Jersey	8,363	8,397	0.4
New Mexico	1,600	1,513	-5.4
New York	32,821	34,693	5.7
North Carolina	5,669	5,407	-4.6
North Dakota	1,009	1,090	8.0
Ohio	12,834	13,142	2.4
Oklahoma	7,133	6,673	-6.4
Oregon	5,740	6,147	7.1
Pennsylvania	12,201	13,460	10.3
Rhode Island	1,709	1,711	0.1
South Carolina	2,030	2,088	2.9
South Dakota	749	704	-6.0
Tennessee	4,091	4,078	-0.3
Texas	25,125	23,714	-5.6
Utah	3,934	4,417	12.3
Vermont	710	1,132	59.4
Virginia	5,983	6,364	6.4
Washington	6,032	5,988	-0.7
West Virginia	1,211	1,220	0.7
Wisconsin	5,778	5,651	-2.2
Wyoming	461	488	5.9
Guam	886	529	-40.3
Puerto Rico	594	466	-21.5
Virgin Islands	241	252	4.6
TOTAL	**349,609**	**356,187**	**1.9**

5.D
Foreign Student Enrollments in States with the Most Foreign Students, 1954/55 - 1987/88



Leading Countries or Other Places of Origin. **Table 5.3** shows the distribution among the U.S. regions of foreign students from each of the 15 countries or other places which sent the most students in 1987/88. Some countries vary widely from the norms. For instance, Nigerians are greatly overrepresented in both the South (35.9%) and the Southwest (25.1%). Similarly, 41.2% of all Mexican students were studying in the Southwest and 39.0% of all Malaysian students could be found in the Midwest. Several countries were overrepresented in the Pacific, including Japan (31.1%), Hong Kong (38.4%), and Indonesia (43.5%). Interestingly, Taiwanese and Korean students showed an above average affinity for the Midwest, and Chinese students for the Northeast and the Midwest.

Origin of Foreign Students Within U.S. Regions. Another way of viewing distributional patterns of foreign students in the United States is to examine the region of origin of foreign students attending institutions in each U.S. region (**Table 5.4 and Figure 5.C**). The foreign student composition in the Northeast was similar to the overall composition of foreign students in the United States last year, except for the overrepresentation of Europeans. In the South, the majority of foreign students came from Asia (38.1%) and Latin America (24.0%), while over half of all foreign students in the Midwest (58.0%) and in the Pacific (59.9%) regions came from Asia. In the Mountain region, (South and East) Asians (44.4%) and Middle Easterners (13.8%) made up over half of the foreign student population. Of the students enrolled in U.S. territories (the "Other" category), over three quarters were from Oceania (40.2%) and Latin America (37.7%).

DISTRIBUTION BY U.S. STATE

The number of foreign students reported in each U.S. state and territory in 1987/88 is listed in **Table 5.5**, along with figures for 1986/87 and the percentage change. The distribution among states is illustrated in **Figure 5.D**. The data show that foreign student enrollments fluctuated widely from state to state, ranging from less than 200 to nearly 50,000. Nine states had more than

TABLE 5.6

States with the Most Foreign Students and Percentage Share, Selected Years, 1954/55-1987/88

1954/55			1959/60		
State	**Foreign Students**	**% of Total**	**State**	**Foreign Students**	**% of Total**
New York	4,877	14.2	California	6,457	13.3
California	4,608	13.5	New York	6,069	12.5
Massachusetts	2,524	7.4	Michigan	3,259	6.7
Michigan	2,293	6.7	Massachusetts	3,136	6.5
Illinois	1,871	5.5	Illinois	2,889	6.0
Pennsylvania	1,299	3.8	District of Columbia	2,020	4.2
Texas	1,205	3.5	Indiana	1,819	3.7
District of Columbia	1,200	3.5	Pennsylvania	1,734	3.6
Indiana	1,069	3.1	Texas	1,574	3.2
Ohio	991	2.9	Ohio	1,550	3.2
TOTAL	**21,937**	**64.1**	**TOTAL**	**30,507**	**62.9**

1964/65			1969/70		
State	**Foreign Students**	**% of Total**	**State**	**Foreign Students**	**% of Total**
California	13,113	16.0	California	22,170	16.4
New York	11,159	13.6	New York	17,701	13.1
Michigan	5,014	6.1	Illinois	7,795	5.8
Illinois	4,425	5.4	Florida	6,939	5.2
Massachusetts	4,116	5.0	Michigan	6,774	5.0
Pennsylvania	3,538	4.3	Massachusetts	6,352	4.7
District of Columbia	3,067	3.7	Pennsylvania	5,248	3.9
Texas	2,704	3.3	Texas	4,902	3.6
Indiana	2,283	2.8	Ohio	4,121	3.1
Ohio	2,255	2.8	District of Columbia	3,949	2.9
TOTAL	**51,674**	**63.0**	**TOTAL**	**85,951**	**63.7**

1974/75			1979/80		
State	**Foreign Students**	**% of Total**	**State**	**Foreign Students**	**% of Total**
California	23,631	15.3	California	47,621	16.6
New York	15,011	9.7	Texas	24,416	8.5
Texas	10,703	6.9	New York	23,569	8.2
Illinois	8,744	5.7	Massachusetts	12,607	4.4
Massachusetts	7,976	5.2	Illinois	12,218	4.3
Michigan	7,087	4.6	Florida	11,919	4.2
District of Columbia	6,398	4.1	Michigan	10,559	3.7
Florida	5,133	3.3	Pennsylvania	8,919	3.1
Pennsylvania	4,898	3.3	Ohio	8,672	3.0
Ohio	3,907	2.5	District of Columbia	8,499	3.0
TOTAL	**93,488**	**60.5**	**TOTAL**	**168,999**	**59.0**

1984/85			1987/88		
State	**Foreign Students**	**% of Total**	**State**	**Foreign Students**	**% of Total**
California	47,318	13.8	California	49,197	13.8
New York	31,064	9.1	New York	34,693	9.7
Texas	29,429	8.6	Texas	23,714	6.7
Florida	17,658	5.2	Massachusetts	18,946	5.3
Massachusetts	16,357	4.8	Florida	18,271	5.1
Illinois	13,935	4.1	Illinois	15,619	4.4
Michigan	12,175	3.5	Pennsylvania	13,460	3.8
Ohio	12,026	3.5	Ohio	13,142	3.7
Pennsylvania	11,586	3.4	Michigan	12,171	3.4
District of Columbia	9,798	2.9	District of Columbia	9,298	2.6
TOTAL	**201,346**	**58.2**	**TOTAL**	**208,511**	**58.5**

TABLE 5.7

Leading Places of Origin of Foreign Students in Leading U.S. States, 1987/88

U.S. State	Place of Origin All Countries	Taiwan	China	India	Korea, Rep. of	Malaysia	Japan	Canada	Hong Kong	Iran	Indonesia
California	13.8	16.2	9.2	6.1	11.5	8.0	15.7	8.6	23.4	19.6	29.4
New York	9.7	7.8	11.6	9.8	8.5	2.9	8.3	9.1	7.4	4.6	3.3
Texas	6.7	8.0	4.6	6.2	5.6	4.9	2.4	3.1	7.3	8.2	5.6
Massachusetts	5.3	2.4	4.5	4.8	3.1	1.5	6.0	6.4	4.1	3.5	2.1
Florida	5.1	2.3	1.7	2.5	1.8	2.2	1.7	3.1	1.5	2.9	1.4
Illinois	4.4	4.7	5.4	4.7	6.1	6.1	3.2	2.7	3.7	2.4	2.2
Pennsylvania	3.8	3.5	4.1	5.4	4.2	1.7	3.0	2.4	2.1	1.9	1.7
Ohio	3.7	3.9	4.2	5.7	4.3	6.6	2.4	2.4	2.0	2.5	4.2
Michigan	3.4	3.6	3.6	3.0	4.5	3.7	2.4	10.2	2.0	2.5	1.9
District of Columbia	2.6	0.6	0.9	1.0	1.9	1.1	1.2	1.7	0.4	3.0	1.1
Total, 10 Leading States	**58.5**	**53.0**	**49.8**	**49.2**	**51.5**	**38.7**	**46.3**	**49.7**	**53.9**	**51.1**	**52.9**
YEAR TOTAL	**100.0**	**7.5**	**7.1**	**5.9**	**5.8**	**5.5**	**5.1**	**4.4**	**3.0**	**2.9**	**2.5**

10,000 foreign students, while eight states, two territories, and the commonwealth of Puerto Rico had fewer than 1,000.

Leading States. On **Table 5.6** are shown the 10 states with the largest foreign student populations. California, once again, reported the highest enrollment with 49,197 or 13.8% of the U.S. total. New York followed with 34,693 or 9.7% of the nation's total. Texas, despite its recent declines, remained third, with 23,714 or 6.7% of the national total. Rounding out the top five were Massachusetts with 18,946 students or 5.3% of the national figure and Florida with 18,271 or 5.1%.

Nine of the ten leading states in 1987/88 have been on the list since 1955. States included on the list have not changed since 1966/67, when Florida replaced Indiana.

The ranking of the top ten states has fluctuated over the years (**Table 5.6** and **Figure 5.D.**), with several changes occurring in 1980/81, when New York moved from third place into second, pushing Texas into third, and Florida jumped from sixth to fourth place. No changes occurred from 1980/81 to 1984/85, but in 1985/86, Ohio replaced Michigan as the state with the sixth largest foreign student population, and in 1986/87 Massachusetts replaced Florida as the state with the fourth largest foreign student population. Last year Pennsylvania jumped from ninth to seventh place, bypassing Michigan and Ohio.

Gains and Losses. Although the overall increase in the number of foreign students was modest (1.9%), substantial changes in enrollments occurred in many U.S. states and territories, as can be seen by examining **Table 5.5**. The gains and losses of foreign students by state are displayed in both percentage and absolute terms. It is important to remember that large percentage increases may be the result of small absolute numbers subject to random variation from year to year. Thirty-four states or territories experienced increases in the numbers of foreign students studying within their borders last year. In absolute terms, four states gained more than 1,000 students and two states lost as many as 1,000. New York had the largest increase with 1,872 more students a 5.7% increase, California followed with an increase of 1,809 students or 3.8%, next was Pennsylvania with 1,259 additional students, 10.3% more than in the previous year, and finally, Illinois which had 1,114 or 7.7% more students. The largest absolute losses occurred in Texas, which had 1,411 students or 5.6% fewer students than in 1986/87, and in Louisiana, which lost 1,722 students, a 22.0% drop.

In percentage terms, the largest gains in foreign students (with changes in absolute numbers of students in parenthesis) were registered by Vermont with a 59.4% increase (422), Maine 36.1% (163), Delaware 21.6% (152), Kentucky 16.4% (285), Utah 12.3% (483), and Pennsylvania 10.3% (1,259). One state, and two territories each lost more than twenty percent of their foreign student population. Puerto Rico dropped 40.3% (357), Louisiana continued its decline by 22.0% (1,722), and Guam slumped by 21.5% (128).

Leading Places of Origin. Students from some countries of origin have a tendency not only to favor a specific U.S. region but even a specific state. This can be seen in **Table 5.7** which presents the distribution of students from each of the ten leading countries or other places of origin among the ten states with the highest foreign student enrollments. California is involved in a number

TABLE 5.8

Number of Nationalities of Foreign Students by State, 1987/88

State	Foreign Students	Number of Nationalities
Alabama	4,130	120
Alaska	276	47
Arizona	6,560	133
Arkansas	1,818	133
California	49,197	160
Colorado	4,439	122
Connecticut	4,010	119
Delaware	855	79
District of Columbia	9,298	156
Florida	18,271	159
Georgia	6,131	132
Hawaii	3,648	76
Idaho	966	81
Illinois	15,619	144
Indiana	7,088	134
Iowa	5,855	132
Kansas	5,154	124
Kentucky	2,024	107
Louisiana	6,114	133
Maine	615	82
Maryland	6,386	138
Massachusetts	18,946	155
Michigan	12,171	141
Minnesota	5,089	129
Mississippi	1,639	91
Missouri	6,223	129
Montana	643	65
Nebraska	1,801	108
Nevada	609	76
New Hampshire	1,288	92
New Jersey	8,397	118
New Mexico	1,513	107
New York	34,693	158
North Carolina	5,407	131
North Dakota	1,090	71
Ohio	13,142	137
Oklahoma	6,673	119
Oregon	6,147	117
Pennsylvania	13,460	150
Rhode Island	1,711	106
South Carolina	2,088	118
South Dakota	704	68
Tennessee	4,078	125
Texas	23,714	148
Utah	4,417	112
Vermont	1,132	83
Virginia	6,364	130
Washington	5,988	123
West Virginia	1,220	89
Wisconsin	5,651	125
Wyoming	488	64
Guam	529	17
Puerto Rico	466	36
Virgin Islands	252	15
TOTAL	356,187	186

of these patterns, as 19.6% of Iranian students, 23.4% of students from Hong Kong, and 29.4% of Indonesian students chose to study in that state. A substantial share of Taiwanese (16.2%) were also in California, while more than one tenth of the Chinese students (11.6%) studied in New York. Also interesting is the fact that, although only 3.4% of all foreign students were in Michigan, 10.2% of all Canadians were studying in that state.

Number of Nationalities. As shown in **Table 5.8**, students from 186 countries or other places around the world studied in the United States last year. Thirty-seven states had students from more than 100 nations or other places. California had the most diverse population, with students from 160 separate places of origin, Florida had students from 159 different places, and New York from 158. Four states with fewer than 2,000 students nonetheless had over 100 places of origin represented among their foreign students populations. These were Arkansas (133), Nebraska (108), New Mexico (107), and Rhode Island (106). The most nationalities for any state with less than 1,000 students were reported by Maine, whose 615 students came from 82 different countries or other places.

6. DISTRIBUTION IN TWO- AND FOUR-YEAR INSTITUTIONS

ALL INSTITUTIONS

Distribution by State. **Table 6.1** lists the numbers and percentages of foreign students in two- and four-year institutions for each state and territory in the United States (illustrated in **Figure 6.B**). Given the large majority of all foreign students that attended four-year institutions (87.1%), it is not surprising that in every state and territory the majority of the students attended such institutions. However, some states are extreme examples of this; for instance both the District of Columbia and the Virgin Islands report that all of their foreign students were in four-year schools. Four other states, South Dakota (99.7%), Rhode Island (99.6%), West Virginia (99.3%), Montana (99.2%), each had more than 99% of their foreign students in four-year schools. Perhaps more interesting, since they counter the prevailing trend, are the states and territories in which high percentages of foreign students can be found in two year institutions. Such places included Guam, with 72.4% of its foreign students in two-year institutions and Florida, with 42.8%. Also high were Idaho (36.3%), Maryland (26.2%), and Virginia (28.2%).

TABLE 6.0

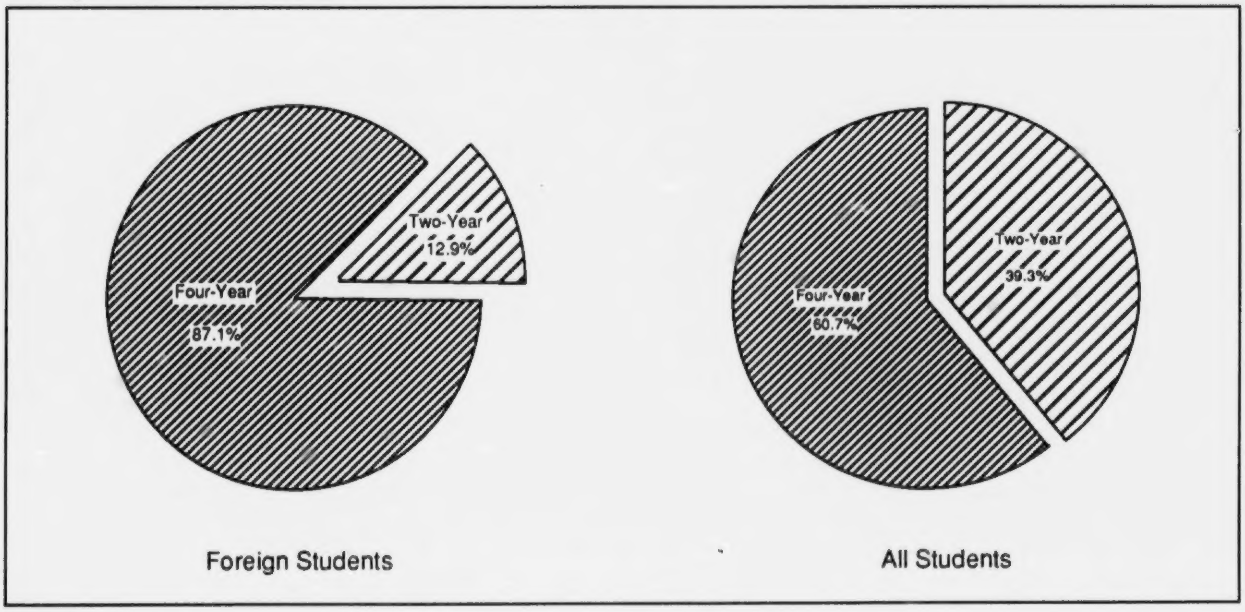
Foreign Students and All Students in Two- and Four-Year Institutions, Selected Years, 1970/71-1987/88

Year	Foreign Students		All Students[1]	
	Two-Year	Four-Year	Two-Year	Four-Year
1970/71	10.6%	89.4%	26.0%	74.0%
1975/76	14.4	85.6	34.1	65.9
1978/79	16.3	83.7	35.7	64.3
1979/80	17.4	82.6	36.3	63.7
1980/81	17.4	82.6	37.1	62.9
1981/82	15.4	84.6	38.1	61.9
1982/83	14.2	85.8	38.4	61.6
1983/84	12.8	87.2	39.3	60.7
1984/85	12.3	87.7	44.0	56.0
1985/86	12.2	87.8	38.6	61.4
1986/87	12.2	87.8	39.8	60.2
1987/88	12.9	87.1	39.3	60.7

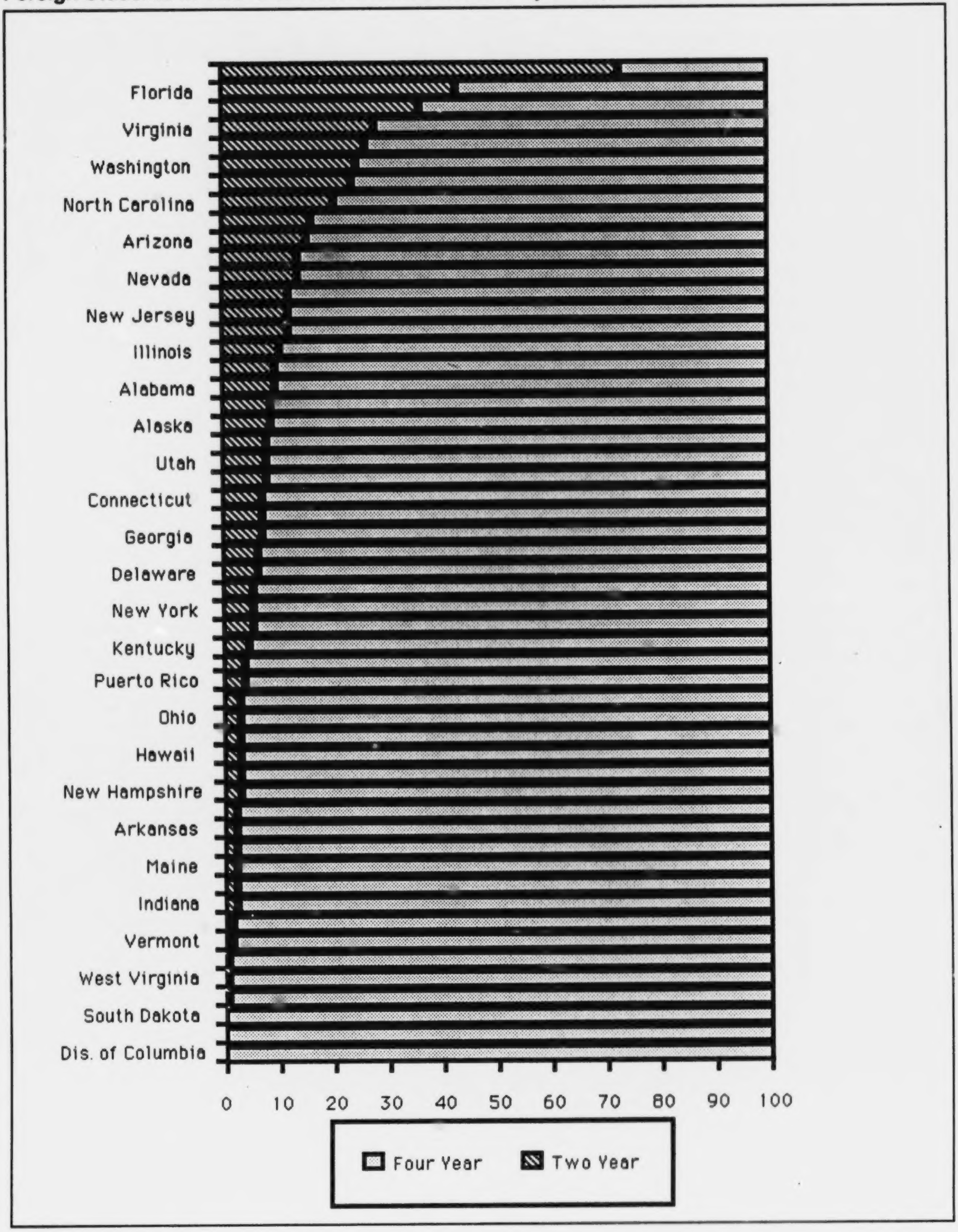
[1] *Percentages for reported total enrollments from 1970/71 to 1982/83 are based on figures from the National Center for Education Statistics, Washington, D.C. Figures since 1983/84 are from the College Board New York, NY.*

6.A

Foreign Students and All Students in Two- and Four-Year Institutions, 1987/88



6.B
Foreign Students in Two- and Four-Year Institutions by State, 1987/88



World Region, Subregion and Leading Places of Origin. Students from various world regions, subregions and leading countries or other places within subregions, displayed different patterns of enrollment as between two-and four-year institutions. These patterns can be observed through an analysis of **Table 6.2**. For instance, the distribution of all Africans was close to the overall norms, but North Africans attended two-year colleges less often, (8.0%), this despite the fact that nearly one quarter of Moroccan students (22.5%) were in such institutions. By contrast, nearly all Tunisians (97.9%) chose four-year institutions.

European students as a whole enrolled in four-year institutions (91.7%) more often than all foreign students, although the small numbers of Eastern Europeans (87.9%) were near the overall norm for foreign students. A particularly high share of Polish students (15.6%) attended two-year schools, while only 5.3% of Yugoslavian students were in such institutions. The proportions of Western Europeans enrolled in two-year institutions ranged from 6.5% (Greece) to 8.7% (Spain).

Latin Americans chose or were sent to two-year schools much more frequently than students from other world regions. In fact, more than a quarter of them (25.7%) attended such schools, twice as many as all foreign students. Attendance in two-year institutions was particularly high among Caribbeans (28.6%) and Central Americans (33.0%). Within Latin America, the South American subregion had relatively few two-year students, with 18.0%, although this is still higher than the national average of 12.9%.

Cuba (92.9%), Nicaragua (81.6%), and Haiti (57.8%) all had a majority of their foreign students in two-year schools. The only leading country from the entire Latin American region below the norm in two-year school enrollments was Argentina, with 8.9%.

The Middle Easterners also attended two-year institutions in above-average proportions, with 15.4%. No leading country from this region had less than 12% of its students in such institutions, and Kuwait had the highest percentage, with 20.7%.

North Americans were primarily found in four-year institutions, with 91.8% in such schools. Students from Bermuda attended two-year institutions at a rate of 14.3%, but the North American foreign student population is composed almost entirely of Canadians, and so the tiny Bermuda component disappears from the regional averages.

The Oceanian population is bimodal. Both Australians (4.9%) and New Zealanders (7.6%) avoided two-year institutions; however, students from the Pacific Islands Trust Territories heavily favored them, with 40.3% being in such schools, making the regional average 16.1%.

TABLE 6.1

Foreign Students in Two- and Four-Year Institutions by State, 1987/88

State	Two-Year		Four-Year		Total
	Number	%	Number	%	
Alabama	421	10.2	3,709	89.8	4,130
Alaska	25	9.1	251	90.9	276
Arizona	1,048	16.0	5,512	84.0	6,560
Arkansas	48	2.6	1,770	97.4	1,818
California	11,722	23.8	37,475	76.2	49,197
Colorado	636	14.3	3,803	85.7	4,439
Connecticut	309	7.7	3,701	92.3	4,010
Delaware	53	6.2	802	93.8	855
Dis. of Columbia	0	0.0	9,298	100.0	9,298
Florida	7,822	42.8	10,449	57.2	18,271
Georgia	447	7.3	5,684	92.7	6,131
Hawaii	121	3.3	3,527	96.7	3,648
Idaho	351	36.3	615	63.7	966
Illinois	1,684	10.8	13,935	89.2	15,619
Indiana	150	2.1	6,938	97.9	7,088
Iowa	258	4.4	5,597	95.5	5,855
Kansas	442	8.5	4,712	91.4	5,154
Kentucky	106	5.2	1,918	94.7	2,024
Louisiana	156	2.5	5,958	97.4	6,114
Maine	15	2.4	600	97.5	615
Maryland	1,677	26.2	4,709	73.7	6,386
Massachusetts	1,742	9.1	17,204	90.8	18,946
Michigan	912	7.4	11,259	92.5	12,171
Minnesota	398	7.8	4,691	92.1	5,089
Mississippi	51	3.1	1,588	96.8	1,639
Missouri	360	5.7	5,863	94.2	6,223
Montana	5	0.7	638	99.2	643
Nebraska	47	2.6	1,754	97.3	1,801
Nevada	85	13.9	524	86.0	609
New Hampshire	39	3.0	1,249	96.9	1,288
New Jersey	1,031	12.2	7,366	87.7	8,397
New Mexico	52	3.4	1,461	96.5	1,513
New York	2,107	6.0	32,586	93.9	34,693
North Carolina	1,093	20.2	4,314	79.7	5,407
North Dakota	70	6.4	1,020	93.5	1,090
Ohio	456	3.4	12,686	96.5	13,142
Oklahoma	798	11.9	5,875	88.0	6,673
Oregon	628	10.2	5,519	89.7	6,147
Pennsylvania	306	2.2	13,154	97.7	13,460
Rhode Island	6	0.3	1,705	99.6	1,711
South Carolina	126	6.0	1,962	93.9	2,088
South Dakota	2	0.2	702	99.7	704
Tennessee	140	3.4	3,938	96.5	4,078
Texas	3,872	16.3	19,842	83.6	23,714
Utah	369	8.3	4,048	91.6	4,417
Vermont	18	1.5	1,114	98.4	1,132
Virginia	1,799	28.2	4,565	71.7	6,364
Washington	1,476	24.6	4,512	75.3	5,988
West Virginia	8	0.6	1.212	99.3	1,220
Wisconsin	104	1.8	5,547	98.1	5,651
Wyoming	60	12.2	428	87.7	488
Guam	384	72.5	145	27.4	529
Puerto Rico	18	3.8	448	96.1	466
Virgin Islands	0	0.0	252	100.0	252
TOTAL	46,053	12.9	310,134	87.1	356,187

TABLE 6.2

Foreign Students in Two- and Four-Year Institutions by World Region, Subregion and Leading Place of Origin, 1985/86-1987/88 (percent distribution)

	Two-Year Institutions			Four-Year Institutions		
Region/Locality	1985/86	1986/87	1987/88	1985/86	1986/87	1987/88
AFRICA	**8.4%**	**9.0%**	**10.9%**	**91.6%**	**91.0%**	**89.1%**
North Africa	**8.0**	**9.0**	**9.9**	**92.0**	**91.0**	**90.1**
Egypt	7.7	7.6	8.4	92.3	92.4	91.6
Morocco	17.0	22.5	22.6	83.0	77.5	77.4
Tunisia	1.4	1.7	2.1	98.6	98.3	97.9
Algeria	1.3	1.9	4.4	98.7	98.1	95.6
Sudan	7.5	9.6	14.3	92.5	90.4	85.7
Libya	14.2	12.3	8.4	85.8	87.7	91.6
Sub Saharan Africa[1]	**8.5**	**9.0**	**11.1**	**91.5**	**91.0**	**88.9**
Nigeria	7.0	5.6	7.6	93.0	94.4	92.4
South Africa	18.6	22.2	8.5	81.4	77.8	91.5
Kenya	5.9	7.5	12.2	94.1	92.5	87.8
Ethiopia	6.2	7.7	22.5	93.8	92.3	77.5
Cameroon	13.1	15.5	16.9	86.9	84.5	83.1
EUROPE	**7.3**	**7.7**	**8.3**	**92.7**	**92.3**	**91.7**
Eastern Europe	**17.2**	**13.3**	**12.1**	**82.8**	**86.7**	**87.9**
Yugoslavia	15.9	18.1	5.3	84.1	81.9	94.7
Poland	3.5	3.3	15.6	96.5	96.7	84.4
Hungary	17.0	9.9	11.4	83.0	90.1	88.6
Western Europe	**6.8**	**7.4**	**8.1**	**93.2**	**92.6**	**91.9**
United Kingdom	5.0	6.3	7.1	95.0	93.7	92.9
Germany, F. R.	7.1	8.2	8.0	92.9	91.8	92.0
France	8.0	7.7	9.2	92.0	92.3	90.8
Greece	5.2	5.7	6.5	94.8	94.3	93.5
Spain	8.8	8.3	8.7	91.2	91.7	91.3
LATIN AMERICA	**22.3**	**23.5**	**25.7**	**77.7**	**76.5**	**74.3**
Caribbean	**27.0**	**28.9**	**28.6**	**73.0**	**71.1**	**71.4**
Jamaica	12.0	12.4	16.2	88.0	87.6	83.8
Trinidad and Tobago	14.7	14.2	15.9	85.3	85.8	84.1
Bahamas	16.2	16.4	17.0	83.8	83.6	83.0
Haiti	54.6	58.8	57.8	45.4	41.2	42.2
Cuba	83.6	89.9	92.9	16.4	10.1	7.1
Central America	**28.5**	**28.4**	**33.0**	**71.5**	**71.6**	**67.0**
Mexico	25.5	21.7	27.6	74.5	78.3	72.4
Nicaragua	72.6	76.1	81.6	27.4	23.9	18.4
Panama	15.5	21.2	23.8	84.5	78.8	76.2
Honduras	18.9	19.4	22.1	81.1	80.6	77.9
El Salvador	22.0	21.9	27.2	78.0	78.1	72.8
South America	**16.3**	**17.0**	**18.0**	**83.7**	**83.0**	**82.0**
Venezuela	15.3	19.0	20.9	84.7	81.0	79.1
Colombia	19.8	20.7	22.5	80.2	79.3	77.5
Brazil	12.3	11.4	13.0	87.7	88.6	87.0
Peru	19.6	19.1	19.3	80.4	80.9	80.7
Argentina	9.8	7.9	8.9	90.2	92.1	91.1
MIDDLE EAST	**15.3**	**14.5**	**15.4**	**84.7**	**85.5**	**84.6**
Iran	13.0	16.6	18.7	87.0	83.4	81.3
Lebanon	15.2	11.1	12.6	84.8	88.9	87.4
Saudi Arabia	13.5	13.2	12.0	86.5	86.8	88.0
Jordan	20.4	18.9	19.4	79.6	81.1	80.6
Kuwait	23.4	18.2	20.7	76.6	81.8	79.3
NORTH AMERICA	**8.4**	**7.7**	**8.4**	**91.6**	**92.3**	**91.6**
Canada	8.2	7.5	8.2	91.8	92.5	91.8
Bermuda	14.5	12.5	14.3	85.5	87.5	85.7
OCEANIA	**14.2**	**14.3**	**16.1**	**85.8**	**85.7**	**83.9**
Australia	27.1	26.7	4.9	72.9	73.3	95.1
Pacific Islands, Trust Ter. of	4.4	4.6	40.3	95.6	95.4	59.7
New Zealand	4.4	4.9	7.6	95.6	95.1	92.4
ASIA	**7.8**	**7.4**	**7.0**	**92.2**	**92.6**	**93.0**
East Asia	**7.0**	**6.4**	**6.5**	**93.0**	**93.6**	**93.5**
Taiwan	2.7	2.6	2.5	97.3	97.4	97.5
China	6.8	4.8	3.8	93.2	95.2	96.2
Korea, Rep. of	3.5	2.9	2.6	96.5	97.1	97.4
Japan	16.5	16.8	18.4	83.5	83.2	81.6
Hong Kong	10.6	10.1	9.9	89.4	89.9	90.1
South Central Asia	**6.9**	**5.9**	**6.1**	**93.1**	**94.1**	**93.9**
India	3.2	2.7	2.7	96.8	97.3	97.3
Pakistan	16.0	13.7	13.6	84.0	86.3	86.4
Bangladesh	8.1	6.4	10.2	91.9	93.6	89.8
Sri Lanka	11.3	11.0	10.3	88.7	89.0	89.7
Nepal	5.9	6.2	8.3	94.1	93.8	91.7
Southeast Asia	**9.7**	**10.1**	**8.9**	**90.3**	**89.9**	**91.1**
Malaysia	3.1	3.0	3.5	96.9	97.0	96.5
Indonesia	16.4	14.7	12.9	83.6	85.3	87.1
Thailand	7.7	7.9	7.7	92.3	92.1	92.3
Singapore	5.0	4.7	4.8	95.0	95.3	95.2
Philippines	12.1	11.7	13.6	87.9	88.3	86.4
All Foreign Students	**12.2**	**12.2**	**12.9**	**87.8**	**87.2**	**87.1**

[1] *Includes Eastern, Central, Southern and West Africa.*

TABLE 6.3

Foreign Students In Two-Year Institutions by State and Percentage Change, 1986/87-1987/88

State	Foreign Students		% Change
	1986/87	1987/88	
Alabama	407	421	3.4
Alaska	24	25	4.2
Arizona	921	1,048	13.8
Arkansas	49	48	-2.0
California	10,384	11,722	12.9
Colorado	464	636	37.1
Connecticut	234	309	32.1
Delaware	56	53	-5.4
District of Columbia	0	0	0.0
Florida	7,526	7,822	3.9
Georgia	510	447	-12.4
Hawaii	114	121	6.1
Idaho	290	351	21.0
Illinois	1,409	1,684	19.5
Indiana	157	150	-4.5
Iowa	288	258	-10.4
Kansas	402	442	10.0
Kentucky	64	106	65.6
Louisiana	267	156	-41.6
Maine	8	15	87.5
Maryland	1,686	1,677	-0.5
Massachusetts	1,595	1,742	9.2
Michigan	921	912	-1.0
Minnesota	363	398	9.6
Mississippi	63	51	-19.0
Missouri	316	360	13.9
Montana	5	5	0.0
Nebraska	45	47	4.4
Nevada	63	85	34.9
New Hampshire	14	39	178.6
New Jersey	923	1,031	11.7
New Mexico	38	52	36.8
New York	1,982	2,107	6.3
North Carolina	935	1,093	16.9
North Dakota	88	70	-20.5
Ohio	505	456	-9.7
Oklahoma	955	798	-16.4
Oregon	502	628	25.1
Pennsylvania	276	306	10.9
Rhode Island	7	6	-14.3
South Carolina	97	126	29.9
South Dakota	7	2	-71.4
Tennessee	103	140	35.9
Texas	3,486	3,872	11.1
Utah	341	369	8.2
Vermont	16	18	12.5
Virginia	1,604	1,799	12.2
Washington	1,473	1,476	0.2
West Virginia	5	8	60.0
Wisconsin	182	104	-42.9
Wyoming	51	60	17.6
Guam	310	384	23.9
Puerto Rico	71	18	-74.6
Virgin Islands	0	0	0.0
TOTAL	42,602	46,053	8.1

TABLE 6.4

States With the Most Foreign Students In Two-Year Institutions and Percentage Share, 1987/88

State	Foreign Students	% of Year Total
California	11,722	25.5
Florida	7,822	17.0
Texas	3,872	8.4
New York	2,107	4.6
Virginia	1,799	3.9
Massachusetts	1,742	3.8
Illinois	1,684	3.7
Maryland	1,677	3.6
Washington	1,467	3.2
North Carolina	1,093	2.4
TOTAL	34,994	76.1

Higher proportions of Asians than foreign students overall were in four-year schools with 93.0% in such institutions. Only Japanese (18.4%), Pakistanis and the Philippinos (13.6% each) studied in two-year colleges in proportions higher than the national average. Taiwan (97.5%), Korea (97.4%) and India (97.3%) sent particularly high percentages of students to four-year schools.

Leading Countries or Other Places of Origin. Countries or other places with the highest proportions of students in four-year institutions last year were Tunisia (97.9%), Taiwan (97.5%), Korea (97.4%), India (97.3%), Malaysia (96.5%) and China (96.5%). All but one are in Asia. The places with the highest percentages of two-year students included Cuba (92.9%), Nicaragua (81.6%), Haiti (57.8%) and the Pacific Island Trust Territories (40.3%), all but one in Latin America.

TWO-YEAR INSTITUTIONS

Distribution by State. The population of foreign students studying in two-year institutions rose by 8.1% since 1986/87 (**Table 6.3**). The additional 3,451 students brought last year's total to 46,053. Two-year students constituted 12.9% of the total foreign student body, a slight increase over the past several years. This is the second year in a row that the foreign student population in two-year institutions has increased, following several years of decline. The states with the largest two-year enrollments were California, with 11,722; Florida, with 7,822; Texas, with 3,872; and New York, with 2,107. Eight other states had over 1,000 foreign students in two-year schools. The twelve states that had over 1,000 students in such institution accounted for over 80% of the total two-year foreign student population (**Table 6.4**).

TABLE 6.5

Two-Year Institutions With the Most Foreign Students and Percentage Change, 1986/87-1987/88

Rank			Foreign Students		% Change
1986/87	1987/88	Institution	1986/87	1987/88	
1	1	Miami-Dade Community College, FL	5,010	5,148	2.8
2	2	Northern Virginia Community College, VA	1,481	1,650	11.4
---	3	Chaffey Community College, CA	280	881	214.6
3	4	Bunker Hill Community College, MA	826	851	3.0
4	5	Montgomery College, Rockville, MD	818	841	2.8
6	6	San Antonio College, TX	639	819	28.2
5	7	Santa Monica College, CA	639	800	25.2
7	8	The Loop College, IL	604	678	12.3
10	9	Central Piedmont Community College , NC	516	673	30.4
8	10	Los Angeles City College, CA	546	622	13.9
Total, 10 Leading Two-Year Institutions			11,606[1]	12,963	15.3
% of All Two-Year Institutions			27.2[1]	28.1	
TOTAL, ALL TWO-YEAR INSTITUTIONS			42,602	46,053	8.1

[1] *Totals are for the ten leading two-year institutions of 1986/87 which included Pima Community College, AZ (ranked ninth).*

Gains and Losses. Overall 38 states and territories gained two-year foreign students. Of these, 13 experienced increases of 20% or more, but, of these thirteen, only Colorado and Oregon gained more than 100 actual students. In percentage terms, the largest gains were registered by New Hampshire (178.6%), Montana (87.5%), Kansas (65.6%), and West Virginia (60.0%). On the other side of the board, ten states lost as much as 10% of their total two-year foreign student population, but only Oklahoma and Louisiana lost as many as 100 students. The largest losers in percentage terms were Puerto Rico (74.6%), South Dakota (71.4%), Wisconsin (42.9%), and Louisiana (41.6%)

In absolute terms, the largest increases were registered by states that did not show the largest percentage increases. The single largest gain occurred in California, where the two-year foreign student population increased by 1,388. Texas had 386 additional students, Florida had 296, and Illinois had 275.These were followed by another 12 states in each of which as many as 100 two-year students were added. Only two states lost as many as 100 two-year students, Oklahoma (157) and Louisiana (111).

Two-year Institutions with the Most Foreign Students. Data on **Table 6.5** show that, once again, Miami-Dade Community College had more foreign students than any other two-year college in the country, with 5,148. Indeed, its total was approximately three times that of the number two school, North Virginia Community College which had 1,650. No other two-year school had as many as 1,000 students. Chaffey Community College, not among the top ten in 1986/87, became the third largest two-year school last year, as a result of a dramatic 214% increase of its previous year's foreign student population. No other major changes occurred among the ten largest institutions. Every one of them saw increased foreign student enrollments, seven of them experiencing increases of more than 10%. These ten schools account for over one-quarter of the total two year foreign student body (28.1%).

FOUR-YEAR INSTITUTIONS

Distribution by State. Foreign student enrollments in four-year institutions increased by only 1.0% over the past year. This translates to an actual gain of 3,127 students, which is slightly lower than the actual increase in two-year schools. Four states had as many as 15,000 four-year foreign students, accounting for 5% or more of the total number of all four-year students. They were California, with 37,475 students at the four-year level constituting 12.1% of the total, New York with 32,586 or 10.5%, Texas with 19,842 or 6.4%, and Massachusetts with 17,204 or 5.5%. The top ten institutions enrolled almost six of every ten four-year foreign students (57.3%) in the United States (**Table 6.7**).

Gains and Losses. Presented on **Table 6.6** are both the absolute and the percentage gains in numbers of four-year students for each state in the United States. In percentage terms, the largest gains were registered by Vermont, with an increase of 60.5% or 420 actual students; next was Maine, with a gain of 35.1% or 156 more students; and Delaware, with a 24% increase or 155 students. In addition to these, an additional eight states had increases of at least 10%. The largest percentage decreases in four-year enrollments were re-

TABLE 6.6

Foreign Students in Four-Year Institutions by State and Percentage Change, 1986/87-1987/88

State	Foreign Students 1986/87	Foreign Students 1987/88	% Change
Alabama	3,590	3,709	3.3
Alaska	240	251	4.6
Arizona	5,087	5,512	8.4
Arkansas	1,797	1,770	-1.5
California	37,004	37,475	1.3
Colorado	3,720	3,083	2.2
Connecticut	3,703	3,701	-0.1
Delaware	647	802	24.0
District of Columbia	9,722	9,298	-4.4
Florida	10,659	10,449	-2.0
Georgia	5,133	5,684	10.7
Hawaii	3,301	3,527	6.8
Idaho	599	615	2.7
Illinois	13,096	13,935	6.4
Indiana	6,978	6,938	-0.6
Iowa	5,713	5,597	-2.0
Kansas	4,594	4,712	2.6
Kentucky	1,675	1,918	14.5
Louisiana	7,569	5,958	-21.3
Maine	444	600	35.1
Maryland	4,544	4,709	3.6
Massachusetts	16,632	17,204	3.4
Michigan	11,298	11,259	-0.3
Minnesota	4,794	4,691	-2.1
Mississippi	1,634	1,588	-2.8
Missouri	5,660	5,863	3.6
Montana	645	638	-1.1
Nebraska	1,884	1,754	-6.9
Nevada	526	524	-0.4
New Hampshire	1,172	1,249	6.6
New Jersey	7,440	7,366	-1.0
New Mexico	1,562	1,461	-6.5
New York	30,839	32,586	5.7
North Carolina	4,734	4,314	-8.9
North Dakota	921	1,020	10.7
Ohio	12,329	12,686	2.9
Oklahoma	6,178	5,875	-4.9
Oregon	5,238	5,519	5.4
Pennsylvania	11,925	13,154	10.3
Rhode Island	1,702	1,705	0.2
South Carolina	1,933	1,962	1.5
South Dakota	742	702	-5.4
Tennessee	3,988	3,938	-1.3
Texas	21,639	19,842	-8.3
Utah	3,593	4,048	12.7
Vermont	694	1,114	60.5
Virginia	4,379	4,565	4.2
Washington	4,559	4,512	-1.0
West Virginia	1,206	1,212	0.5
Wisconsin	5,596	5,547	-0.9
Wyoming	410	428	4.4
Guam	576	145	-74.8
Puerto Rico	523	448	-14.3
Virgin Islands	241	252	4.6
TOTAL	307,007	310,134	1.0

TABLE 6.7

States With the Most Foreign Students in Four-Year Institutions and Percentage Share, 1987/88

State	Foreign Students	% of Total
California	37,475	12.1
New York	32,586	10.5
Texas	19,842	6.4
Massachusetts	17,204	5.5
Illinois	13,935	4.5
Pennsylvania	13,154	4.2
Ohio	12,686	4.1
Michigan	11,259	3.6
Florida	10,449	3.4
District of Columbia	9,298	3.0
TOTAL	177,888	57.3

corded by Guam, which lost 74.8% of its 1986/87 foreign student population, an actual loss of 431 students; Louisiana, dropping by 21.3% or an actual loss of 1,611 students; and Puerto Rico, losing 14.3% or 75 students.

In absolute terms the lists are quite different. New York was the biggest gainer, adding 1,747 foreign students to its total for an increase of 5.7%; next was Pennsylvania increasing by 12.6%, adding 1,229 students; and finally Illinois, adding 839 students or 6.4%. The largest actual losers were Texas, dropping 1,797 students or 8.3% of the previous year's total and Louisiana, reported above.

Four-Year Institutions with the Most Foreign Students. The ten four-year institution reporting the largest enrollments of foreign students in 1986/87 and equivalent figures for 1986/87 appear on **Table 6.8**. As can be seen, the top ten schools remain the same, although their order has changed somewhat. One important factor in the reordering of the top ten is that the figure for Columbia University no longer includes students from Barnard and Teachers Colleges; thus Columbia dropped from third to ninth place. The largest upward move was recorded by the University of California at Los Angeles which gained 10.3% more students and moved from seventh to fourth place. The leading institution was again the University of Southern California with 3,767 students, and second was the University of Texas at Austin with 3,135 students. Third was the University of Wisconsin-Madison, which assumed the place vacated by Columbia. The top ten schools in the four-year category accounted for only 9.0% of the total four-year student population in the country.

TABLE 6.8

Four-Year Institutions With the Most Foreign Students and Percentage Change, 1986/87-1987/88

Rank			Foreign Students		
1986/87	1987/88	Institution	1986/87	1987/88	% Change
1	1	University of Southern California, CA	3,746	3,767	0.6
2	2	University of Texas, Austin, TX	3,000	3,135	4.5
4	3	University of Wisconsin-Madison, WI	2,789	2,825	1.3
7	4	University of California, Los Angeles, CA	2,506	2,765	10.3
5	5	Ohio State University, Main Campus, OH	2,739	2,756	0.6
9	6	Boston University, MA	2,422	2,641	9.0
10	7	University of Arizona, AZ	2,393	2,599	8.6
6	8	University of Minnesota, Twin Cities, MN	2,624	2,514	-4.2
3	9	Columbia University, NY*	2,807	2,474	-11.9
8	10	University of Michigan, Ann Arbor, MI	2,449	2,446	-0.1
Total, 10 Leading Four-Year Institutions			27,475	27,922	1.6
% of All Four-Year Institutions			8.9	9.0	
TOTAL, ALL FOUR-YEAR INSTITUTIONS			307,007	310,134	1.0

** The figure for Columbia University no longer includes students from Barnard and Teachers Colleges.*

7. DISTRIBUTION IN PUBLIC AND PRIVATE INSTITUTIONS

ALL INSTITUTIONS

Approximately two-thirds of the foreign students in the United States, (233,813 students or 65.6%), attended public institutions. The remaining third, 122,374 students or 34.9%, attended private institutions. The proportions of foreign students in public and private institutions differed significantly from the proportions of all higher education students in the United States, more than three quarters of whom (78.5%) enrolled in public institutions (**Table 7.0** and **Figure 7.A**). In the past ten years there have been no significant changes in the shares of foreign students and all students attending public and private schools.

Distribution by State. Foreign student enrollments in public and private institutions varied widely from state to state (**Table 7.1**). In several states or territories, virtually all foreign students were in public institutions, and in three of them, Wyoming, Puerto Rico, and the Virgin Islands, 100% were in such institutions. Other states with high percentages of foreign students in public institutions included Nevada (99.3%), North Dakota (98.2%), New Mexico (97.0%), Delaware (93.9%), Mis-

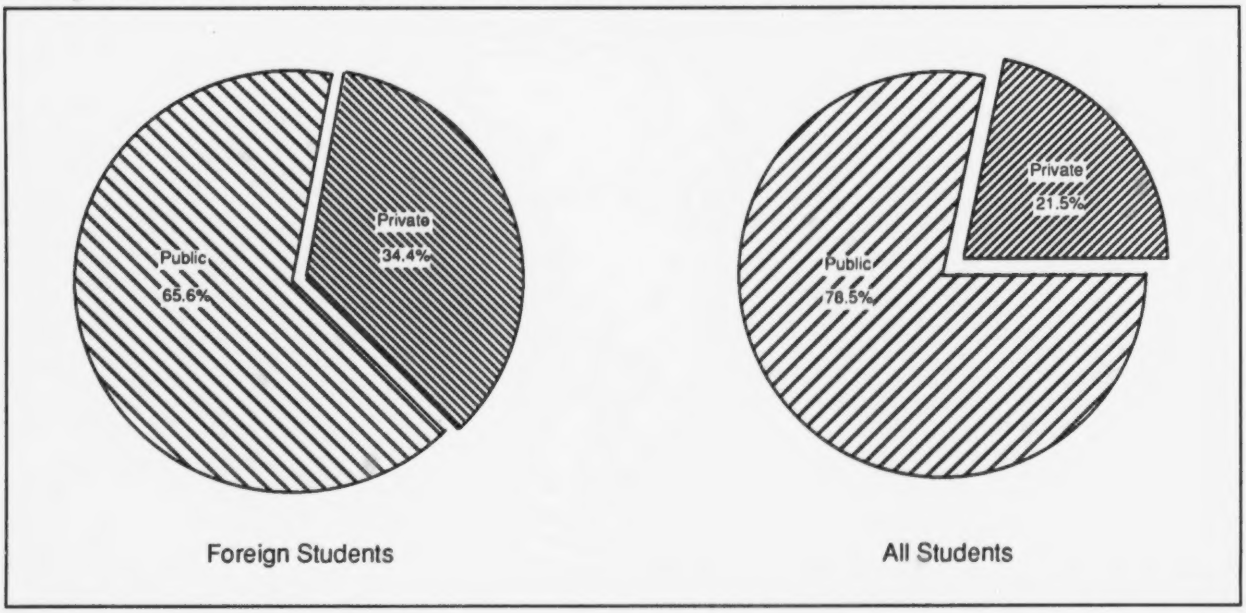
TABLE 7.0

Foreign Students and All Students in Public and Private Institutions, 1975/76-1987/88

Year	Foreign Students		All Students[1]	
	Public	Private	Public	Private
1975/76	62.1%	37.9%	78.8%	21.2%
1976/77	64.2	35.8	78.3	21.7
1977/78	62.7	37.3	78.0	22.0
1978/79	63.6	36.4	77.6	22.4
1979/80	64.6	35.4	77.7	22.3
1980/81	64.8	35.2	78.0	22.0
1981/82	65.0	35.0	78.0	22.0
1982/83	65.0	35.0	78.0	22.0
1983/84	65.0	35.0	78.4	21.6
1984/85	65.3	34.7	80.2	19.8
1985/86	65.3	34.7	77.7	22.3
1986/87	65.1	34.9	78.2	21.8
1987/88	65.6	34.4	78.5	21.5

[1] *Percentages for reported total enrollments from 1975/76 to 1982/83 are based on figures from the National Center for Education Statistics, Washington, D.C. Figures since 1983/84 are from the College Board, New York, NY.*

7.A
Foreign Students and All Students in Public and Private Institutions, 1987/88



sissippi (92.6%), Arizona (91.8%), and Kansas (90.8%). By contrast, there were several states or territories with more than half of their foreign student populations in private institutions. The District of Columbia had the largest percentage in private schools, at 88.1%; followed by Vermont (86.3%); Massachusetts (78.0%); New Hampshire (71.0%); Rhode Island (69.0%); Connecticut (68.0%); Hawaii (56.1%); and, finally, New York (55.8%).

World Region, Subregion and Leading Country or Other Place of Origin. Presented in **Table 7.2** is the distribution of foreign students in public and private institutions by geographic origin. Each world region, subregion or leading place displays its own tendency, often contrasting with the larger geographical unit of which it is a part.

Enrollments of all Africans were very close to the norms for foreign students as a whole, as were enrollments of Subsaharan Africans. Within this subregion, however, there was considerable variation, with South Africa (53.9% public and 46.1% private) and Cameroon (71.4% and 28.6%) representing the extremes. North Africa was highly overrepresented in public school, with 70.7% of its students attending such institutions. Within the subregion, Tunisia had the greatest percentage in public schools, with 80.9%, while Algeria had the largest percentage in private schools, with 42.9%.

Europeans as a whole were partial to private schools, with nearly half of them (44.7%) attending such institutions. Eastern Europe, with only 36.3% of its students in private schools, contradicts this pattern, but accounts for a very small proportion of all European foreign students. None of the countries from this subregion had more than 40% of its students in private institutions. Given the large percentage of all European students who came from Western Europe, it is not surprising that the distribution of students from this subregion closely resembles the regional pattern. Among the leading countries, there is some, although not a large, amount of dispersion around the regional mean. Germany had the largest percentage in public institutions, with 61.8%, while Spain has the largest percentage in private institutions with 48.8%.

Latin Americans' enrollments in public and private institutions were similar to those of all foreign students, but within the region, there was a great deal of variation. For instance, a high proportion of Caribbean students enrolled in private schools (42.1%), the proportion of the Bahamians being as high as 57.8%. Nonetheless, extremely large percentages of students from two countries in this subregion, Cuba (96.1%) and Haiti (71.3%), were in public schools. In contrast to the Caribbeans, Central Americans showed a preference for public institutions, with 70.7% in such institutions. Of the countries

TABLE 7.1

Foreign Students in Public and Private Institutions by State, 1987/88

State	Public		Private		Total
	Number	%	Number	%	
Alabama	3,629	87.9	501	12.1	4,130
Alaska	247	89.5	29	10.5	276
Arizona	6,025	91.8	535	8.2	6,560
Arkansa	1,440	79.2	378	20.8	1,818
California	31,793	64.6	17,404	35.4	49,197
Colorado	3,702	83.4	737	16.6	4,439
Connecticut	1,282	32.0	2,728	68.0	4,010
Delaware	803	93.9	52	6.1	855
Dis. of Columbia	1,103	11.9	8,195	88.1	9,298
Florida	12,906	70.6	5,365	29.4	18,271
Georgia	4,039	65.9	2,092	34.1	6,131
Hawaii	1,602	43.9	2,046	56.1	3,648
Idaho	644	66.7	322	33.3	966
Illinois	9,915	63.5	5,704	36.5	15,619
Indiana	5,370	75.8	1,718	24.2	7,088
Iowa	4,302	73.5	1,553	26.5	5,855
Kansas	4,681	90.8	473	9.2	5,154
Kentucky	1,560	77.1	464	22.9	2,024
Louisiana	5,249	85.9	865	14.1	6,114
Maine	403	65.5	212	34.5	615
Maryland	5,574	87.3	812	12.7	6,386
Massachusetts	4,173	22.0	14,773	78.0	18,946
Michigan	10,447	85.8	1,724	14.2	12,171
Minnesota	4,188	82.3	901	17.7	5,089
Mississippi	1,517	92.6	122	7.4	1,639
Missouri	4,082	65.6	2,141	34.4	6,223
Montana	482	75.0	161	25.0	643
Nebraska	1,421	78.9	380	21.1	1,801
Nevada	605	99.3	4	0.7	609
New Hampshire	373	29.0	915	71.0	1,288
New Jersey	5,789	68.9	2,608	31.1	8,397
New Mexic	1,467	97.0	46	3.0	1,513
New York	15,325	44.2	19,368	55.8	34,693
North Carolina	3,917	72.4	1,490	27.6	5,407
North Dakota	1,070	98.2	20	1.8	1,090
Ohio	10,015	76.2	3,127	23.8	13,142
Oklahoma	5,271	79.0	1,402	21.0	6,673
Oragon	5,119	83.3	1,028	16.7	6,147
Pennsylvania	6,283	46.7	7,177	53.3	13,460
Rhode Island	531	31.0	1,180	69.0	1,711
South Carolina	1,854	88.8	234	11.2	2,088
South Dakota	572	81.3	132	18.7	704
Tennessee	2,823	69.2	1,255	30.8	4,078
Texas	19,817	83.6	3,897	16.4	23,714
Utah	2,552	57.8	1,865	42.2	4,417
Vermont	155	13.7	977	86.3	1,132
Virginia	5,600	88.0	764	12.0	6,364
Washington	4,707	78.6	1,281	21.4	5,988
West Virginia	1,026	84.1	194	15.9	1,220
Wisconsin	4,812	85.2	839	14.8	5,651
Wyoming	488	100.0	---	---	488
Guam	529	100.0	---	---	529
Puerto Rico	282	60.5	184	39.5	466
Virgin Islands	252	100.0	---	---	252
TOTAL	233,813	65.6	122,374	34.4	356,187

7.B

Foreign Students in Public and Private Institutions by U.S. State, 1987/88

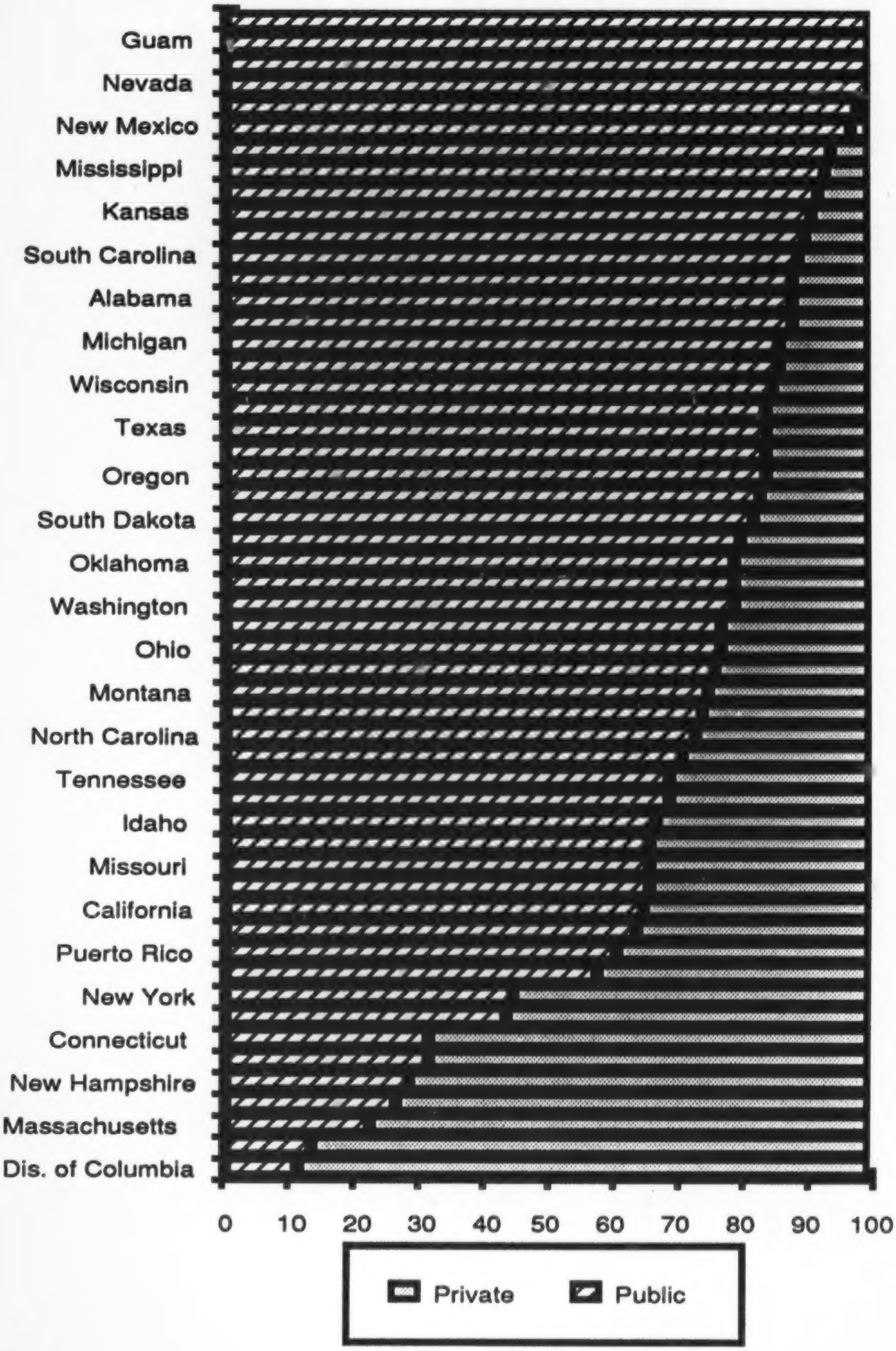


TABLE 7.2

Foreign Students in Public and Private Institutions by World Region, Subregion, and Leading Place of Origin, 1985/86-1987/88

	Public Institutions			Private Institutions		
Region/Locality	**1985/86**	**1986/87**	**1987/88**	**1985/86**	**1986/87**	**1987/88**
AFRICA	**67.8%**	**66.2%**	**66.4%**	**32.2%**	**33.8%**	**33.6%**
North Africa	**70.8**	**71.7**	**70.7**	**29.2**	**28.3**	**29.3**
Egypt	71.4	70.5	69.4	28.6	29.5	30.6
Morocco	64.6	71.9	70.5	35.4	28.1	29.5
Tunisia	81.8	80.9	80.9	18.2	19.1	19.1
Algeria	53.4	54.8	57.1	46.6	45.2	42.9
Sudan	81.3	80.7	75.7	18.7	19.3	24.3
Libya	73.6	77.2	75.1	26.4	22.8	24.9
Sub Saharan Africa[1]	**67.1**	**65.0**	**65.4**	**32.9**	**35.0**	**34.6**
Nigeria	71.4	67.9	70.7	28.6	32.1	29.3
South Africa	48.6	53.2	53.9	51.4	46.8	46.1
Kenya	61.3	59.1	60.1	38.7	40.9	39.9
Ethiopia	69.4	68.7	68.1	30.6	31.3	31.9
Cameroon	73.3	70.8	71.4	26.7	29.2	28.6
EUROPE	**55.6**	**57.2**	**55.3**	**44.4**	**42.8**	**44.7**
Eastern Europe	**68.1**	**67.1**	**63.7**	**31.9**	**32.9**	**36.3**
Yugoslavia	60.0	60.7	61.7	40.0	39.3	38.3
Poland	67.9	70.1	64.5	32.1	29.9	35.5
Hungary	72.3	69.1	69.9	27.7	30.9	30.1
Western Europe	**54.9**	**56.6**	**54.9**	**45.1**	**43.4**	**45.1**
United Kingdom	53.6	56.6	55.8	46.4	43.4	44.2
Germany, F. R.	61.0	62.8	61.8	39.0	37.2	38.2
France	50.9	52.5	54.2	49.1	47.5	45.8
Greece	59.8	58.7	54.2	40.2	41.3	45.8
Spain	52.2	56.0	51.2	47.8	44.0	48.8
LATIN AMERICA	**62.6**	**63.5**	**63.4**	**37.4**	**36.5**	**36.6**
Caribbean	**54.8**	**57.1**	**57.9**	**45.2**	**42.9**	**42.1**
Jamaica	47.3	50.5	53.8	52.7	49.5	46.2
Trinidad and Tobago	47.1	48.2	49.5	52.9	51.8	50.5
Bahamas	48.0	46.8	42.2	52.0	53.2	57.8
Haiti	70.0	72.1	71.3	30.0	27.9	28.7
Cuba	91.2	94.7	96.1	8.8	5.3	3.9
Central America	**69.1**	**69.8**	**70.7**	**30.9**	**30.2**	**29.3**
Mexico	69.8	70.2	70.7	30.2	29.8	29.3
Nicaragua	88.3	89.6	92.4	11.7	10.4	7.6
Panama	57.2	58.2	60.6	42.8	41.8	39.4
Honduras	73.1	74.9	70.2	26.9	25.1	29.8
El Salvador	65.2	65.9	67.7	34.8	34.1	32.3
South America	**62.8**	**62.8**	**61.2**	**37.2**	**37.2**	**38.8**
Venezuela	64.0	66.6	64.8	36.0	33.4	35.2
Colombia	61.6	62.5	62.4	38.4	37.5	37.6
Brazil	59.3	58.9	58.2	40.7	41.1	41.8
Peru	62.1	60.0	56.4	37.9	40.0	43.6
Argentina	59.4	57.3	58.5	40.6	42.7	41.5
MIDDLE EAST	**69.7**	**69.9**	**68.6**	**30.3**	**30.1**	**31.4**
Iran	77.3	79.7	79.7	22.7	20.3	20.3
Lebanon	67.6	65.3	64.7	32.4	34.7	35.3
Saudi Arabia	65.7	67.3	65.8	34.3	32.7	34.2
Jordan	75.9	75.9	75.4	24.1	24.1	24.6
Kuwait	59.4	59.4	59.9	40.6	40.6	40.1
NORTH AMERICA	**47.5**	**47.5**	**47.4**	**52.5**	**52.5**	**52.6**
Canada	48.0	48.1	48.2	52.0	51.9	51.8
Bermuda	35.5	31.7	27.4	64.5	68.3	72.6
OCEANIA	**57.4**	**57.4**	**52.0**	**42.6**	**42.6**	**48.0**
Australia	47.7	48.7	48.2	52.3	51.3	51.8
Pacific Islands, Trust Ter. of	79.2	76.0	73.5	20.8	24.0	26.5
New Zealand	44.6	47.4	46.6	55.4	52.6	53.4
ASIA	**69.8**	**70.0**	**68.3**	**30.2**	**30.0**	**31.7**
East Asia	**68.2**	**69.1**	**67.9**	**31.8**	**30.9**	**32.1**
Taiwan	77.0	76.0	74.5	23.0	24.0	25.5
China	71.2	71.1	70.5	28.8	28.9	29.5
Korea, Rep. of	65.1	67.0	66.3	34.9	33.0	33.7
Japan	53.9	56.4	55.7	46.1	43.6	44.3
Hong Kong	68.5	70.3	68.4	31.5	29.7	31.6
South Central Asia	**70.9**	**69.6**	**68.5**	**29.1**	**30.4**	**31.5**
India	69.3	67.8	67.0	30.7	32.2	33.0
Pakistan	73.6	72.9	70.7	26.4	27.1	29.3
Bangladesh	75.1	73.8	74.1	24.9	26.2	25.9
Sri Lanka	74.9	74.3	74.0	25.1	25.7	26.0
Nepal	58.8	57.3	56.5	41.2	42.7	43.5
Southeast Asia	**71.6**	**72.1**	**69.2**	**28.4**	**27.9**	**30.8**
Malaysia	72.2	77.3	75.1	22.8	22.7	24.9
Indonesia	67.3	69.7	69.3	32.7	30.3	30.7
Thailand	63.0	63.5	59.8	37.0	36.5	40.2
Singapore	69.4	72.1	71.0	30.6	27.9	29.0
Philippines	59.3	53.9	51.6	46.1	46.1	48.4
YEAR TOTAL	**65.3**	**65.1**	**65.6**	**34.7**	**34.9**	**34.4**

[1] *Includes Eastern, Central, Southern and Western Africa*

TABLE 7.3

Foreign Students in Public Institutions by State and Percentage Change, 1986/87-1987/88

State	Foreign Students		% Change
	1986/87	1987/88	
Alabama	3,500	3,629	3.7
Alaska	219	247	12.8
Arizona	5,520	6,025	9.1
Arkansas	1,495	1,440	-3.7
California	29,507	31,793	7.7
Colorado	3,167	3,702	16.9
Connecticut	1,177	1,282	8.9
Delaware	662	803	21.3
District of Columbia	1,181	1,103	-6.6
Florida	12,660	12,906	1.9
Georgia	3,950	4,039	2.3
Hawaii	1,558	1,602	2.8
Idaho	623	644	3.4
Illinois	9,353	9,915	6.0
Indiana	5,488	5,370	-2.2
Iowa	4,418	4,302	-2.6
Kansas	4,487	4,681	4.3
Kentucky	1,276	1,560	22.3
Louisiana	7,017	5,249	-25.2
Maine	294	403	37.1
Maryland	5,405	5,574	3.1
Massachusetts	4,016	4,173	3.9
Michigan	10,055	10,447	3.9
Minnesota	4,294	4,188	-2.5
Mississippi	1,573	1,517	-3.6
Missouri	3,930	4,082	3.9
Montana	477	482	1.0
Nebraska	1,507	1,421	-5.7
Nevada	584	605	3.6
New Hampshire	345	373	8.1
New Jersey	4,926	5,789	17.5
New Mexico	1,561	1,467	-6.0
New York	13,593	15,325	12.7
North Carolina	3,950	3,917	-0.8
North Dakota	988	1,070	8.3
Ohio	9,804	10,015	2.2
Oklahoma	5,621	5,271	-6.2
Oregon	4,733	5,119	8.2
Pennsylvania	5,752	6,013	4.5
Rhode Island	509	531	4.3
South Carolina	1,825	1,854	1.6
South Dakota	599	572	-4.5
Tennessee	2,771	2,823	1.9
Texas	21,003	19,817	-5.6
Utah	2,405	2,552	6.1
Vermont	150	155	3.3
Virginia	5,234	5,600	7.0
Washington	4,637	4,707	1.5
West Virginia	1,027	1,026	-0.1
Wisconsin	4,964	4,812	-3.1
Wyoming	461	488	5.9
Guam	886	529	-40.3
Puerto Rico	272	282	3.7
Virgin Islands	241	252	4.6
TOTAL	227,650	233,813	2.7

TABLE 7.4

States With the Most Foreign Students in Public Institutions and Percentage Share, 1987/88

State	Foreign Students	% of Total
California	31,793	13.6
Texas	19,817	8.5
New York	15,325	6.6
Florida	12,906	5.5
Michigan	10,447	4.5
Ohio	10,015	4.3
Illinois	9,915	4.1
Arizona	6,025	2.6
Pennsylvania	6,013	2.6
New Jersey	5,789	2.5
TOTAL	128,045	54.8

within this subregion, Nicaragua was the leader in public school enrollments, with 92.4% of its students in public institutions, while Panama had the highest percentage (39.4%) in private institutions. South America was close to the norm, with 61.2% of its students in public institutions. The leading places of the subregion did not show much variation.

The Middle Easterners attended public institutions in proportions slightly higher than the national average, with 68.6% in such institutions. Among the leading countries of the region, Iran had the highest proportion of its students in public schools (79.7%), while Kuwait had the lowest (59.9%).

North America was heavily weighted towards private schools, with 52.6% of its students in such institutions. A very high proportion (72.6%) of all students from Bermuda were in private institutions.

Nearly half of the Oceanians (48.0%) enrolled in public institutions, a proportion significantly higher than the national foreign student average. However, almost three-quarters (73.5%) of the students from the Pacific Island Trust Territory were in public schools.

Asia was close to the norm for all students, as were all three of the Asian subregions. None of the large senders was significantly off the pace, although higher proportions of students from Malaysia (75.1%), Taiwan (74.5%), Bangladesh and Sri Lanka (74.0% each), Singapore (71.0%), Pakistan (70.7%) and China (70.5%) than foreign students overall attended public schools. Only Thailand (59.8%), Nepal (56.5%), Japan (55.7%), and the Philippines (51.6%) had less than 60% in public institutions. The fact that the regions and subregions did not vary from the national norms is not surprising, given the great numbers of students from the region, but the lack of significant variation among leading countries and places of origin is intriguing.

TABLE 7.5

Public Institutions With the Most Foreign Students and Percentage Change, 1986/87-1987/88

Rank		Institution	Foreign Students		% Change
1986/87	1987/88		1986/87	1987/88	
1	1	Miami-Dade Community College, FL	5,010	5,148	2.8
2	2	University of Texas, Austin, TX	3,000	3,135	4.5
3	3	University of Wisconsin-Madison, WI	2,789	2,825	1.3
6	4	University of California, Los Angeles, CA	2,506	2,765	10.3
4	5	Ohio State University, Main Campus, OH	2,739	2,756	0.6
8	6	University of Arizona, AZ	2,393	2,599	8.6
5	7	University of Minnesota, Twin Cities, MN	2,624	2,514	-4.2
7	8	University of Michigan, Ann Arbor, MI	2,449	2,446	-0.1
---	9	University of Illinois Urbana Campus, IL	2,228	2,446	9.8
---	10	University of Maryland College Park, MD	2,028	2,239	7.5
Total, 10 Leading Public Institutions			**28,091[1]**	**28,873**	**-0.2**
% of All Public Institutions			**12.3[1]**	**12.3**	
TOTAL, ALL PUBLIC INSTITUTIONS			**227,650**	**233,813**	**2.7**

[1] *Totals are for the leading public institutions of 1986/87, which included Southern Illinois University, Carbondale, IL (ranked ninth) and University of Houston, TX (ranked tenth).*

PUBLIC INSTITUTIONS

Distribution by State. Enrollments of foreign students in public institutions of higher learning in the United States in 1987/88 were 2.7% higher than the previous year's, reflecting an actual increase of 6,163 students (**Table 7.3**). Six states reported more than 10,000 foreign students in public schools each. They were California (31,793), Texas (19,817), New York (15,325), Florida (12,906), Michigan (10,447), and Ohio (10,015). Together these six states accounted for 43.3% of all students in public institutions, with 13.6% in California alone and another 8.5% in Texas. The top ten states (**Table 7.4**) accounted for over half (54.8%) of all the students in public institutions. Following the top six were 10 states with between 5,000 and 9,999 students; 23 states and the District of Columbia, with between 1,000 and 4,999; and finally eleven states and three territories with less than 999 students in public institutions.

Gains and Losses. Thirty-eight states and territories reported increased foreign student enrollments in public schools last year. In percentage terms, seven of them gained more than 10%; they were Maine (37.1%), Kentucky (22.3%) Delaware (21.3%), New Jersey (17.5%), Colorado (16.9%), Alaska (12.8%) and New York (12.7%). In absolute terms, California drew the largest number of additional students (2,286). New York was the only other state to have over 1,000 more students than in the previous year, with a gain of 1,732. Three more states rose by more than 500; they were New Jersey (863), Illinois (562), and Colorado (535). Three of the states with the largest percentage increases also gained large numbers of students.

On the other side of the equation, sixteen states and territories had fewer foreign students in public institutions. Only two of these, Guam (40.3%) and Louisiana (25.2%) lost 10% or more of the total population in this category. In absolute terms, two states lost over 1,000 students. They were Louisiana, which lost 1,768 and Texas, which lost 1,186. Another six states lost as many as 100 students each.

Public Institutions with the Most Foreign Students. The top three public institutions, Miami-Dade Community College, the University of Texas, Austin and the University of Wisconsin-Madison, remained the same as in 1986/87, with all three gaining students (**Table 7.5**). The University of California at Los Angeles had 10.3% more foreign students, moving from sixth to fourth place on the list of institutions with highest foreign student enrollments. The University of Arizona's foreign student population increased by 8.6%, enough to move this institution from eighth to sixth place on the top ten list. Finally, the University of Illinois, Urbana drew 9.8% more students, moving to ninth place. All in all, the top ten schools account for a mere one-eighth (12.3%) of all the foreign students in public institutions.

PRIVATE INSTITUTIONS

Distribution by State. The number of foreign students in private institutions increased by only 415 students, or 0.3%, last year (**Table 7.6**). Three states had as many as 10,000 private school students: California (17,404),

TABLE 7.6

Foreign Students in Private Institutions by State and Percentage Change, 1986/87-1987/88

State	Foreign Students		% Change
	1986/87	1987/88	
Alabama	497	501	0.8
Alaska	45	29	-35.6
Arizona	488	535	9.6
Arkansas	351	378	7.7
California	17,881	17,404	-2.7
Colorado	1,017	737	-27.5
Connecticut	2,760	2,728	-1.2
Delaware	41	52	26.8
District of Columbia	8,541	8,195	-4.1
Florida	5,525	5,365	-2.9
Georgia	1,693	2,092	23.6
Hawaii	1,857	2,046	10.2
Idaho	266	322	21.1
Illinois	5,152	5,704	10.7
Indiana	1,647	1,718	4.3
Iowa	1,583	1,553	-1.9
Kansas	509	473	-7.1
Kentucky	463	464	0.2
Louisiana	819	865	5.6
Maine	158	212	34.2
Maryland	825	812	-1.6
Massachusetts	14,211	14,773	4.0
Michigan	2,164	1,724	-20.3
Minnesota	863	901	4.4
Mississippi	124	122	-1.6
Missouri	2,046	2,141	4.6
Montana	173	161	-6.9
Nebraska	422	380	-10.0
Nevada	5	4	-20.0
New Hampshire	841	915	8.8
New Jersey	3,437	2,608	-24.1
New Mexico	39	46	17.9
New York	19,228	19,368	0.7
North Carolina	1,719	1,490	-13.3
North Dakota	21	20	-4.8
Ohio	3,030	3,127	3.2
Oklahoma	1,512	1,402	-7.3
Oregon	1,007	1,028	2.1
Pennsylvania	6,449	7,177	11.3
Rhode Island	1,200	1,180	-1.7
South Carolina	205	234	14.1
South Dakota	150	132	-12.0
Tennessee	1,320	1,255	-4.9
Texas	4,122	3,897	-5.5
Utah	1,529	1,865	22.0
Vermont	560	977	74.5
Virginia	749	764	2.0
Washington	1,395	1,281	-8.2
West Virginia	184	194	5.4
Wisconsin	814	839	3.1
Wyoming	—	—	—
Guam	—	—	—
Puerto Rico	322	184	-42.9
Virgin Islands	—	—	—
TOTAL	121,959	122,374	0.3

TABLE 7.7

States With the Most Foreign Students in Private Institutions and Percentage Share, 1987/88

State	Foreign Students	% of Year Total
New York	19,368	15.8
California	17,404	14.2
Massachusetts	14,773	12.1
District of Columbia	8,195	6.7
Pennsylvania	7,177	5.9
Illinois	5,704	4.7
Florida	5,365	4.4
Texas	3,897	3.2
Ohio	3,127	2.6
Connecticut	2,728	2.2
TOTAL	87,738	71.8

New York (19,368), and Massachusetts (14,773). Another three states and the District of Columbia had between 5,000 and 9,999. Eighteen states had between 1,000 and 4,999 while twenty-six states and three territories had fewer than 1,000 students in private institutions. The top four states accounted for nearly half (48.8%) of all foreign students in private institutions, while the top ten accounted for a very high 71.8% of all the private school foreign students in the United States (**Table 7.7**).

Gains and Losses. In several states, enrollments at private institutions rose by more than 20% (**Table 7.6**). Vermont experienced the biggest increase, with 74.5% more students last year than in 1986/87. Second was Maine, with an increase of 34.2%, followed by Georgia (23.6%), Utah (22.0%), and Idaho (21.1%). Absolute gains of over 500 students were registered by Pennsylvania (728), Massachusetts (562), and Illinois (552). In addition, five more more states had increases of more than 100 foreign students in private schools. Large losses were registered by several states, led by Puerto Rico, which lost 42.9% of the previous year's population, and Alaska, whose population decreased by 35.6%. Other states with large proportional losses were Colorado (27.5%), New Jersey (24.1%), Michigan (20.3%), and Nevada (20.0%). Large absolute decreases were experienced by New Jersey (829 students), California (477), and Michigan (440). Eight other states lost as many as 100 students.

TABLE 7.8

Private Institutions With the Most Foreign Students and Percentage Change, 1986/87-1987/88

Rank		Institution	Foreign Students		% Change
1986/87	1987/88		1986/87	1987/88	
1	1	University of Southern California, CA	3,746	3,767	0.6
3	2	Boston University, MA	2,422	2,641	9.0
2	3	Columbia University, NY[*]	2,807	2,474	-11.9
7	4	University of Pennsylvania, PA	2,125	2,255	6.1
6	5	George Washington University, DC	2,163	2,198	1.6
9	6	Northeastern University, MA	2,000	2,099	5.0
4	7	New York University, NY	2,196	2,072	-5.6
8	8	Harvard University, MA	2,059	2,014	-2.2
5	9	Stanford University, CA	2,187	1,976	-9.6
—	10	Massachusetts Institute of Technology, MA	1,837	1,881	2.4
Total, 10 Leading Private Institutions			**23,698[1]**	**23,377**	**-1.4**
% of All Private Institutions			**19.4[1]**	**19.1**	
TOTAL, ALL PRIVATE INSTITUTIONS			**121,959**	**122,374**	**0.3**

[1] *Totals are for the ten leading private institutions of 1986/87, which included the Howard University (ranked tenth)*

[*] *The figure for Columbia University no longer includes Barnard and Teachers Colleges.*

Private Institutions with the Most Foreign Students. As explained in previous sections, Columbia University no longer includes Barnard and Teachers Colleges in its total count of foreign students. This explains Columbia's drop of 11.9% and its movement from second to third place on the top ten list. Nine of the top ten schools were on the previous year's list, only the Massachusetts Institute of Technology is new on the list, replacing Howard University. There were, however, some changes within the top ten. The University of Pennsylvania moved from seventh to fourth place, while new York University moved from fourth to seventh. Meanwhile, Stanford University dropped from fifth to ninth. The top ten together accounted for about one-fifth (19.1%) of all the students enrolled in private institutions.

8. INSTITUTIONS WITH THE MOST FOREIGN STUDENTS

In 1987/88, 79 institutions in the United States reported enrolling 1,000 or more foreign students (**Table 8.0**), seven more than in the previous year. This represents a big change since 1954/55, when only one U.S. institution enrolled over 1,000 foreign students. These institutions accounted for 141,895 foreign students, or 39.8% of the foreign student population in the United States. The share of total enrollment composed of foreign students varied from institution to institution: it ranged from a low of 4.4 % at Texas A& M University, Main Campus, Wayne State University, and Temple University, to a high of 20.2% at the Massachusetts Institute of Technology, with an average among the leading institutions of 7.1%. The foreign student enrollment in each U.S. institution surveyed is listed in ***Appendix A.1***.

The 10 institutions reporting the largest number of foreign students remained fairly stable until the mid 1970s—seven of the 10 institutions listed in 1954/55 appeared on the list in 1974/75 (**Table 8.1**). Greater changes occurred in the last few years, leaving only three of the original 10 institutions consistently included: the University of Southern California, Columbia University (excluding Barnard and Teachers Colleges), and the University of Wisconsin-Madison.

The proportion of foreign students enrolled in leading institutions has been relatively stable in recent years (**Table 8.3**), following a downward trend that began in the 1960s. In 1959/60, the 10 leading institutions reported 22.8% of all foreign students. By 1980/81, the top 10 institutions accounted for only 8.3% of the foreign student population and this proportion has remained just below 9% (8.6% in 1987/88) since then.

While the overall proportion of foreign students enrolled in U.S. institutions of higher education was 2.8%, all of the institutions with 1,000 or more foreign students had higher concentrations of foreign students, and in some of them the concentrations were much higher. Institutions with the largest proportions of foreign students

8.A
Institutions With the Highest Foreign Student Proportions, 1987/88

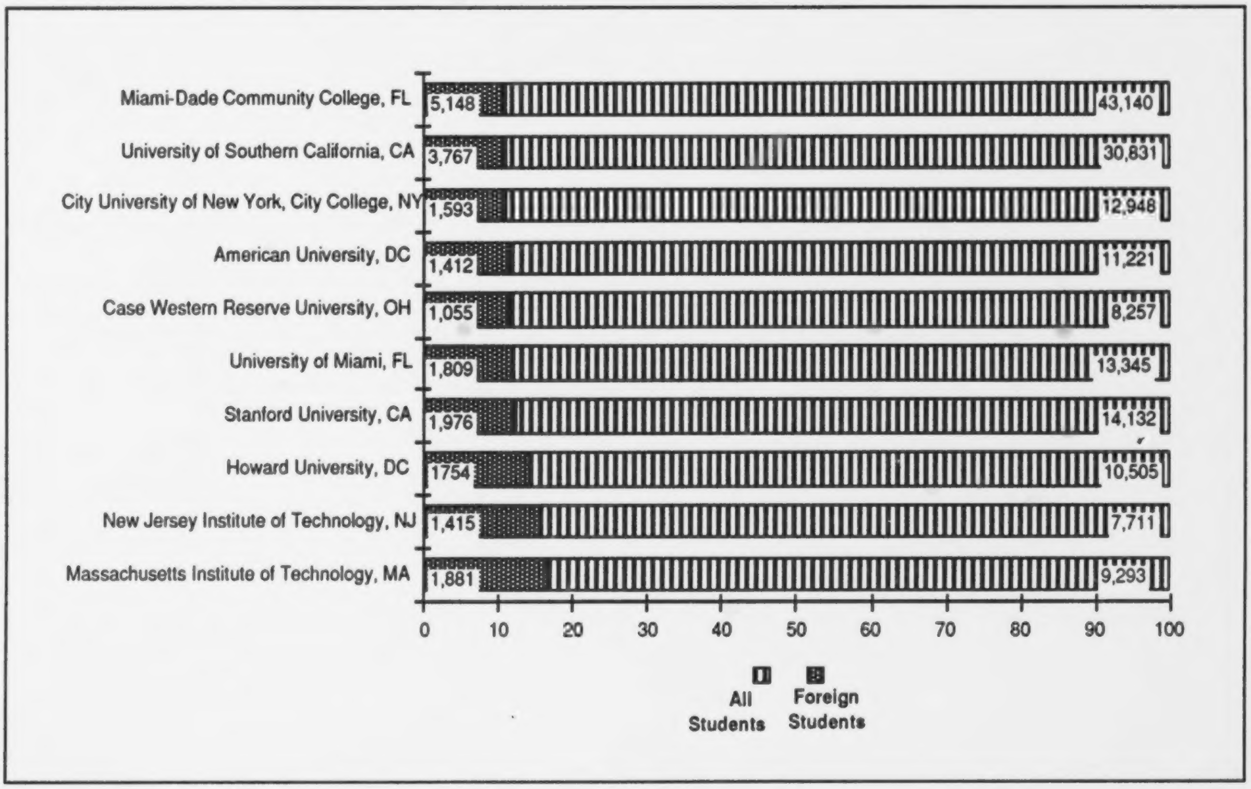


TABLE 8.0

Institutions with 1,000 or More Foreign Students, 1987/88

Rank	Institution	Foreign Students	Total Enrollment[1]	% of Total Enrollment
	Miami-Dade Community College, FL	5,148	43,140	11.9
	University of Southern California, CA	3,767	30,831	12.2
	University of Texas, Austin, TX	3,135	47,743	6.6
	University of Wisconsin-Madison, WI	2,825	43,368	6.5
5	University of California, Los Angeles, CA	2,765	42,027	6.6
	Ohio State University, Main campus, OH	2,756	53,115	5.2
	Boston University, MA	2,641	24,100	11.0
	University of Arizona, AZ	2,599	32,860	7.9
	University of Minnesota, Twin Cities, MN	2,514	39,821	6.3
10	Columbia University, NY	2,474	19,057[2]	13.0
	University of Illinois, Urbana, IL	2,446	36,340	6.7
	University of Michigan, Ann Arbor, MI	2,446	35,495	6.9
	University of Pennsylvania, PA	2,255	21,875	10.3
	University of Maryland-College Park, MD	2,239	38,058	5.9
15	Southern Illinois University, Carbondale, IL	2,203	24,160	9.1
	George Washington University, DC	2,198	19,500	11.3
	University of California, Berkeley, CA	2,187	32,055	6.8
	Michigan State University, MI	2,148	42,096	5.1
	University of Houston, TX	2,113	28,913	7.3
20	State University of New York at Buffalo, NY	2,113	27,477	7.7
	Northeastern University, MA	2,099	36,575	5.7
	New York University, NY	2,072	31,472	6.6
	Iowa State University, IA	2,044	26,000	7.9
	Harvard University, MA	2,014	17,273[3]	11.7
25	Stanford University, CA	1,976	14,132	14.0
	Indiana University at Bloomington, IN	1,972	33,421	5.9
	Pennsylvania State University, PA	1,959	36,271	5.4
	Purdue University, Main Campus, IN	1,950	32,912	5.9
	North Texas State University, TX	1,946	22,321	8.7
30	Arizona State University, AZ	1,917	42,968	4.5
	University of Iowa, IIA	1,888	29,133	6.5
	Massachusetts Institute of Technology, MA	1,881	9,293	20.2
	Cornell University, NY	1,878	18,276	10.3
	University of Miami, FL	1,809	13,345	13.6
35	Oklahoma State University, Main campus, OK	1,789	20,591	8.7
	Universityof Oregon, Main Campus, OR	1,777	17,688	10.0
	The University of Toledo, OH	1,756	21,740	8.1
	Howard University, DC	1,754	10,505	16.7
	California State University, Long Beach, CA	1,751	34,926	5.0
40	University of Kansas, KS	1,747	26,306	6.6

continued on next page

TABLE 8.0 --continued

Rank	Institution	Students	Enrollment	Enrollment
	Brigham Young University, UT	1,732	27,367	6.3
	Texas A&M University, Main Campus, TX	1,717	39,092	4.4
	Northern Virginia Community College, VA	1,650	34,884	4.7
	University of Washington, WA	1,616	33,301	4.9
45	Rutgers University, New Brunswick, NJ	1,608	33,157	4.8
	Oregon State University, OR	1,603	15,199	10.5
	City University of New York, City College, NY	1,593	12,948	12.3
	University of Florida, FL	1,580	34,060	4.6
	University of Massachusetts, Amherst, MA	1,559	26,686	5.8
50	Louisiana State University, Baton Rouge, LA	1,524	37,301	4.1
	University of Missouri, Columbia, MO	1,470	22,796	6.4
	Syracuse University, Main Campus, NY	1,452	16,451	8.8
	New Jersey Institute of Technology, NJ	1,415	7,711	18.4
	American University, DC	1,412	11,221	12.6
55	City University of New York, Baruch College, NY	1,387	16,587	8.4
	University of Pittsburgh, Main Campus, PA	1,383	28,364	4.9
	University of Hawaii at Manoa, HI	1,380	17,265	8.0
	Virginia Polytechnic Institute and State University, VA	1,372	24,977	5.5
	Ohio University, Main Campus, OH	1,367	16,200	8.4
60	State University of New York at Stony Brook, Main Campus, NY	1,356	14,525	9.3
	University of Illinois at Chicago, IL	1,353	23,913	5.7
	Temple University, PA	1,352	30,431	4.4
	Wayne State University, MI	1,332	30,377	4.4
	University of Southwestern Louisiana, LA	1,322	15,452	8.6
65	California State University, Los Angeles, CA	1,303	21,186	6.2
	San Francisco State University, CA	1,295	26,002	5.0
	University of Oklahoma, Norman, OK	1,270	20,979	6.1
	Georgia State University, GA	1,136	17,409	6.5
	University of Georgia, GA	1,123	25,145	4.5
70	University of Texas, Arlington, TX	1,109	22,760	4.9
	Georgetown University, DC	1,104	11,770	9.4
	University of the District of Colombia, DC	1,103	9,655	11.4
	Eastern Michigan University, MI	1,090	22,375	4.9
	New York Institute of Technology, All campuses, NY	1,072	12,703	8.4
75	University of Utah, UT	1,063	23,915	4.4
	Case Western Reserve University, OH	1,055	8,257	12.8
	North Carolina State University, Raleigh, NC	1,049	24,021	4.4
	Western Michigan University, MI	1,039	23,336	4.5
	University of California, Davis, CA	1,010	20,847	4.8
	TOTAL	141,895	1,990,253	7.1

[1] *Sources: The Annual Census of Foreign Students in the United States, and The College Board, Fall Enrollment 1986, New York, 1987.*
[2] *This figure was obtained from the Columbia University International Student Office.*
[3] *This figure was obtained from the Harvard Budget Office.*

TABLE 8.1

Institutions With the Most Foreign Students, Selected Years, 1954/55-1987/88

1954/55		1959/60	
Institution	**Foreign Students**	**Institution**	**Foreign Students**
Columbia Univ. Barnard and Teachers Coll.	1,254	New York University	1,580
New York University	946	Columbia Univ. Barnard and Teachers Coll.	1,146
University of Michigan, Ann Arbor	810	University of California, Berkeley	1,140
University of California, Berkeley	798	University of Michigan, Ann Arbor	1,109
Harvard University	721	University of Minnesota, Twin Cities	1,010
University of Illinios, Urbana and Chicago	594	University of Illinois, Urbana and Chicago	935
University of Southern California	569	University of Wisconsin-Madison	790
University of Minnesota, Minneapolis,	530	Massachusetts Institute of Technology	770
Cornell University	488	Cornell University	751
University of Wisconsin	477	Harvard University	738

1964/65		1969/70	
Institution	**Foreign Students**	**Institution**	**Foreign Students**
New York University	2,986	New York University	4,182
University of California, Berkely	2,588	Miami-Dade Community College	3,998
Columbia Univ. Barnard and Teachers Coll.	2,353	University of California, Berkeley	2,904
University of Wisconsin-Madison	1,290	Columbia Univ. Barnard and Teachers Coll.	2,796
Howard University	1,258	University of California, Los Angeles	2,197
University of Pennsylvania	1,232	University of Wisconsin-Madison	2,117
University of Michigan, Ann Arbor	1,181	University of Pennsylvania	1,699
University of Minnesota, Twin Cities	1,149	University of Washington	1,663
University of Illinois, Urbana	1,137	University of Illinois, Urbana	1,658
Harvard University	1,054	University of Minnesota, Twin Cities	1,624

1974/75		1979/80	
Institution	**Foreign Students**	**Institution**	**Foreign Students**
University of Southern California	2,111	University of Southern California	3,305
Howard University	2,066	Los Angeles City College	3,000
Columbia Univ. Barnard and Teachers Coll.	1,905	Miami-Dade Community College	2,790
University of Wisconsin, Madison	1,869	Columbia Univ. Barnard and Teachers Coll.	2,625
University of Minnesota, Twin Cities	1,679	Texas Southern University	2,585
University of California, Berkeley	1,571	University of Texas, Austin	2,354
University of Texas, Austin	1,533	University of Wisconsin-Madison	2,092
Miami-Dade Community College	1,485	University of Michigan, Ann Arbor	1,941
New York University	1,474	University of California, Los Angeles	1,907
Harvard University	1,414	University of Washington	1,880

1984/85		1987/88	
Institution	**Foreign Students**	**Institution**	**Foreign Students**
Miami-Dade Community College	4,316	Miami-Dade Community College	5,148
University of Southern California	3,761	University of Southern California	3,767
University of Texas, Austin	3,286	University of Texas, Austin	3,135
University of Wisconsin-Madison	2,901	University of Wisconsin-Madison	2,825
Columbia Univ. Barnard and Teachers Coll.	2,773	University of California, Los Angeles	2,765
Ohio State University, Main Campus	2,606	Ohio State University, Main Campus	2,756
North Texas State University	2,570	Boston University	2,641
Southern Illinois University, Carbondale	2,565	University of Arizona	2,599
Boston University	2,462	University of Minnesota, Twin Cities	2,514
University of Houston-University Park	2,424	Columbia University*	2,474

** The figure for Columbia University no longer includes Barnard and Teachers Colleges.*

TABLE 8.2

Institutions With the Highest Foreign Student Proportions, 1987/88

Rank	Institution	Foreign Students	Total Enrollment[1]	% of Total Enrollment
	Massachusetts Institute of Technology	1,881	9,293	20.2
	New Jersey Institute of Technology	1,415	7,711	18.4
	Howard University, DC	1,754	10,505	16.7
	Stanford University, CA	1.976	14,132	14.0
5	University of Miami, Fl	1,809	13,345	13.6
	Case Western Reserve University, OH	1,055	8,257	12.8
	American University, DC	1,412	11,221	12.6
	City University of New York, City College, NY	1,593	12,948	12.3
	University of Southern California, CA	3,767	30,831	12.2
10	Miami-Dade Community College, FL	5,148	43,140	11.9
	Harvard University, MA	2,014	17,273[3]	11.7
	University of the District of Columbia, DC	1,103	9,655	11.4
	George Washington University, DC	2,198	19,500	11.3
	Boston University, MA	2,641	24,100	11.0
15	Oregon State University, OR	1,603	15,199	10.5
	University of Pennsylvania, PA	2,255	21,875	10.3
	Cornell University, NY	1,878	18,276	10.3
	University of Oregon, Main Campus, OR	1,777	17,688	10.0
	Georgetown University, DC	1,104	11,770	9.4
20	State University of New York at Stony Brook, NY	1,356	14,525	9.3

[1] *Sources: The Annual Census of Foreign Students in the United States, and The College Board,* Fall Enrollment, 1986, *New York, 1987.*

TABLE 8.3

Proportions of Foreign Students in the 5, 10, and 20 Leading Institutions, Selected Years, 1954/55-1987/88

Year	5 Leading Institutions		10 Leading Institutions		20 Leading Institutions	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
1954/55	4,529	13.2	7,312	21.4	9,374	27.4
1959/60	6,909	14.2	11,035	22.8	15,972	32.9
1964/65	12,476	15.2	18,444	22.5	26,945	32.8
1969/70	16,370	12.1	26,206	19.4	40,022	29.7
1974/75	9,360	6.2	17,107	11.1	29,864	19.3
1975/76	12,361	6.9	20,386	11.4	33,451	18.7
1976/77	13,253	6.5	22,629	11.1	37,588	18.5
1977/78	13,593	5.8	22,984	9.8	38,935	16.5
1978/79	13,859	5.3	23,338	8.8	40,072	15.2
1979/80	14,305	5.0	24,479	8.5	41,698	14.6
1980/81	15,323	4.9	25,793	8.3	44,092	14.1
1981/82	16,010	4.9	26,987	8.3	46,588	14.3
1982/83	16,285	4.8	28,042	8.3	48,735	14.5
1983/84	16,809	5.0	29,214	8.6	50,585	14.9
1984/85	17,037	5.0	29,664	8.7	51,075	14.9
1985/86	17,166	5.0	29,733	8.6	51,822	15.1
1986/87	17,352	5.0	30,092	8.6	52,313	15.0
1987/88	17,640	5.0	30,624	8.6	52,972	14.9

appear in **Table 8.2** and are illustrated in **Figure 8.A**.

Among the 10 institutions with the highest foreign student enrollments, three appear in **Table 8.2** as institutions with high proportions of foreign students among their total student populations: Miami-Dade Community College (11.9%), the University of Southern California (12.2%), and Boston University (11.0.%).

TABLE 8.4

Institutions with Foreign Students from 100 or More Nations

Institution	Foreign Students	Nationalities
University of Arizona	2,599	122
George Washington University	2,198	121
American University	1,412	121
University of Maryland-College Park	2,239	118
Boston University	2,641	116
University of Pennsylvania	2,225	113
Northeastern University	2,099	112
University of Wisconsin-Madison	2,825	110
University of Pittsburgh	1,383	110
University of Southern California	3,767	109
Pennsylvania State University, University Park	1,959	109
University of Miami	1,809	108
University of the District of Columbia	1,103	108
University of Minnesota, Twin Cities	2,514	108
Miami-Dade Community College	5,148	107
Michigan State University	2,148	107
Texas A&M University, Main Campus	1,717	106
Indiana University, Bloomington	1,972	106
Ohio State University	2,756	106
University of Florida	1,580	105
University of Texas, Austin	3,135	103
Louisiana State University, Baton Rouge	1,524	103
Iowa State University	2,044	103
University of Michigan, Ann Arbor	2,446	103
Columbia University*	2,474	103
Colorado State University	907	101
University of Massachusetts, Amherst	1,559	101
University of Georgia	1,123	100
Montgomery College, Rockville	841	100

* *The figure for Columbia University no longer includes Barnard and Teachers Colleges.*

Twenty-nine institutions, led by the University of Arizona, which reported 122 nationalities among its foreign students, enrolled students from 100 or more nations (**Table 8.4**).

9. FOREIGN STUDENTS BY ACADEMIC LEVEL

Starting with the 1985/86 academic year, IIE began asking institutions to provide academic level breakdowns for each of the foreign student characteristics appearing on the Institutional Data form. Institutions reported, for example, the number of students from a specific country or in a specific field of study enrolled as graduate students, undergraduates, or "other", a category which includes practical training, non-degree programs, and Intensive English Language programs.

Not all institutions which responded to the census were able to provide academic level breakdowns. As indicated in **Table 9.1**, depending on the student characteristic involved, detailed academic level information is available for as many as 77.1% and as few as 42.3% of the enrolled students. Therefore, in this chapter, unlike the rest of *Open Doors*, analyses are based on a sample rather than on the entire reported foreign student population. For this reason, only percentage distributions are presented here.

It is possible, however, to estimate the total number of graduate, undergraduate, and "other" students in specific categories. This can be done by applying the percentages in this chapter to totals found in other chapters of *Open Doors*. For example, **Table 9.9** indicates that 39.5% of all African students are graduate students; this percentage may be applied to the total number of African students in **Table 2.0** in chapter 2, producing approximate figures on the total numbers of African graduate students (.395 x 28,450 = 11,238 African graduate students).

CHARACTERISTICS OF FOREIGN STUDENTS WITHIN ACADEMIC LEVEL

This section presents separate profiles of foreign undergraduate and graduate students. It examines the geographic origins of students at each level: for instance, what proportion of the total foreign graduate student population comes from Africa. It also includes analyses on other characteristics of graduate and undergraduate students, such as primary funding source, gender, marital and enrollment status, and visa type.

TABLE 9.1

Proportion of Foreign Students for Whom Academic Level Was Provided

Characteristic	% Return
World Region of Origin	77.1
Field of Study	74.8
Primary Source of Funds	42.3
Gender	70.3
Marital Status	46.3
Enrollment Status	72.0
Visa Type	61.9

TABLE 9.2

World Region and Subregion of Origin of Foreign Students Within Academic Level, 1987/88

World Region/ Subregion	Academic Level		
	Undergraduate	Graduate	Other
AFRICA	**8.8%**	**7.1%**	**4.6%**
North Africa	1.2	2.1	1.3
Sub Saharan Africa[1]	7.7	5.1	3.3
EUROPE	**10.7**	**10.9**	**16.7**
Eastern Europe	0.4	0.7	0.9
Western Europe	10.3	10.2	15.8
LATIN AMERICA	**17.4**	**7.3**	**13.9**
Caribbean	5.2	1.0	1.4
Central America	6.0	2.2	6.0
South America	6.2	4.1	6.4
MIDDLE EAST	**15.4**	**8.7**	**12.1**
NORTH AMERICA	**5.6**	**4.0**	**2.9**
OCEANIA	**1.4**	**0.8**	**1.4**
ASIA	**40.7**	**61.2**	**48.4**
East Asia	17.2	40.4	35.0
South Central Asia	6.3	12.2	4.5
Southeast Asia	17.3	8.6	8.9
TOTAL	**100.0**	**100.0**	**100.0**

[1] *Includes Eastern, Central, Southern and West Africa.*

UNDERGRADUATE STUDENTS

Region and Subregion of Origin. Four of every six foreign undergraduate students in the United States (40.7%) came from Asia last year, the subregion of East Asia alone accounting for 17.2% of them (**Table 9.2**). Southeast Asia was the place of origin of 17.3%, and South Central Asia of 6.3% of undergraduates. Substantial proportions of the remaining undergraduate students were from Latin America (17.4%) and from the Middle East (15.4%). Europeans (10.7%) and Africans (8.8%) each constituted about one-tenth of the population.

TABLE 9.3

Fields of Study of Foreign Students Within Academic Level, 1987/88

Field of Study	Academic Level		
	Under-graduate	Graduate	Other
Agriculture	1.2%	4.0%	0.8%
Business and Management	24.7	14.2	6.2
Education	2.0	4.9	0.8
Engineering	20.3	22.0	4.0
Fine and Applied Arts	5.1	3.7	3.0
Health Sciences	3.8	4.1	2.9
Humanities	2.3	6.5	2.0
Mathematics and Computer Science	10.4	10.4	2.2
Physical and Life Sciences	4.9	13.1	2.1
Social Sciences	5.9	11.2	1.7
Other	10.0	4.7	2.9
Intensive English Language	0.1	—	61.1
Undeclared	9.3	1.2	10.3
TOTAL	100.0	100.0	100.0

Field of Study. The most popular field of study among undergraduate students was business and management, chosen by one-fourth of them (24.7%) as **Table 9.3** shows. Two of ten undergraduates (20.3%) majored in engineering and one of ten in math and computer sciences (10.4%). An additional 10% were in the "other" field, while 9.3% had not declared a major.

Primary Source of Funds. As shown on **Table 9.4**, the vast majority of undergraduates (77.0%) were financed out of personal and family funds. Less than 10% were funded by any other single source: 7.7% were sponsored by home governments or universities and 6.7% by U.S. colleges or universities.

Gender and Marital Status. Less than two-thirds (63.6%) of the undergraduate students were men (**Table 9.5**), but nearly all of them (90.6%) were single (**Table 9.6**).

Visa Type and Enrollment Status. A very high proportion of students at the undergraduate level (84.4%) were on F visas (**Table 9.8**), and an even higher proportion (90.7%) studied on a full-time basis (**Table 9.7**).

GRADUATE STUDENTS

Region and Subregion of Origin. The geographic origin of graduate students is less diverse than that of undergraduates (**Table 9.2**). A large majority of all foreign graduate students in the United States (61.2%) were from Asia, the subregion of East Asia alone accounting for almost 40.4% of them. About one-eighth of the graduate students (12.2%), were from South Central Asia, and almost one-tenth (8.6%) from Southeast Asia. Europe was the only other world region accounting for more than 10% of the graduate foreign students at 10.9%.

Some differences in the geographic origin of graduate and undergraduate foreign students are worth noting. A much larger proportion of graduates than of undergraduates came from East Asia, and, to a lesser degree, from South Central Asia. On the other hand, proportionately more undergraduates came from Southeast Asia.Two other regions were unequally represented in the graduate and undergraduate populations. Latin America was the region of origin of 17.4% of the undergraduates in the U.S., but only of 7.3% of graduates. Likewise the Middle East sent 15.4% of all undergraduates, but only 8.7% of all graduate students. Other regions sent similar proportions of graduates and undergraduates, in line with their overall shares of students.

Field of Study. In contrast to undergraduates, graduate students chose engineering most often, nearly one quarter (22.0%) enrolling in this field (**Table 9.3**). Business and management, the second most popular field, was selected by only 14.2%, a much smaller proportion than undergraduates. Of all graduate students, 10.4% chose math and computer sciences, the same proportion as undergraduates, but graduate students chose the physical and life sciences (13.1%) and the social sciences (11.2%) much more often than undergraduates (4.9% and 5.9%, respectively).

Primary Source of Funds. A little more than four-tenths (43.1%) of graduate students were supported by personal and family funds, but a significant 35.9% were

TABLE 9.4

Primary Source of Funds of Foreign Students Within Academic Level, 1987/88

Primary Source of Funds	Academic Level		
	Under-graduate	Graduate	Other
Personal and Family	77.0%	43.1%	63.6%
U.S. College or University	6.7	35.9	7.2
Home Government/University	7.7	9.7	6.0
Foreign Private Sponsor	2.2	2.8	1.3
U.S. Private Sponsor	2.8	2.6	2.5
Current Employment	0.6	1.4	14.7
U.S. Government	2.2	2.8	2.5
Other	0.8	1.7	2.2
TOTAL	100.0	100.0	100.0

TABLE 9.5

Gender of Foreign Students within Academic Level, 1987/88			
	Academic Level		
Gender	**Under-graduate**	**Graduate**	**Other**
Male	63.6%	72.9%	59.0%
Female	36.4	27.1	41.0
TOTAL	**100.0**	**100.0**	**100.0**

TABLE 9.6

Marital Status of Foreign Students within Academic Level, 1987/88			
	Academic Level		
Marital Status	**Under-graduate**	**Graduate**	**Other**
Single	90.6%	65.3%	82.8%
Married	9.4	34.7	17.2
TOTAL	**100.0**	**100.0**	**100.0**

funded by U.S. colleges or universities. An additional 9.7% were funded by home governments or universities (**Table 9.4**).

Gender and Marital Status. Last year's census of enrollments by gender reveals that a much smaller proportion of women enrolled in graduate (27.1%) than in undergraduate (36.4%) programs (**Table 9.5**). Also, understandably, more graduate students (34.7%) than undergraduate (9.4%) were married (**Table 9.6**).

Enrollment Status and Visa Type. A vast majority of graduate students (89.4%) were studying full-time (**Table 9.7**). Three-fourths (74.8%) of graduate students were studying on F visas, and a substantial proportion (21.2%) were on J visas (**Table 9.8**).

ACADEMIC LEVEL OF FOREIGN STUDENTS BY PERSONAL AND ACADEMIC CHARACTERISTICS

This section presents the academic level breakdowns of specific subcategories of foreign students. It examines, for instance, what proportions of students from particular world regions or countries were studying at the undergraduate level, what proportions at the graduate level, and what proportions at the "other" level. It will also show

9.A
Academic Level of Foreign Students by World Region of Origin, 1987/88

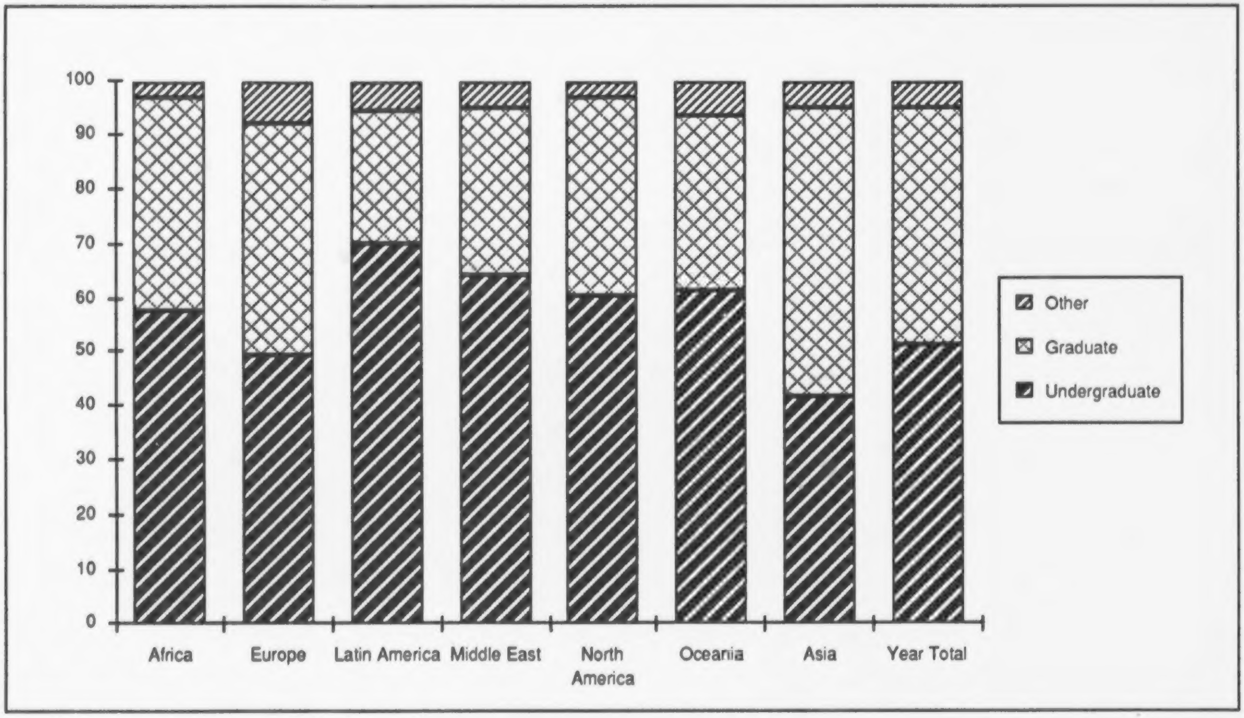


TABLE 9.7

Enrollment Status of Foreign Students within Academic Level, 1987/88

Enrollment Status	Academic Level		
	Undergraduate	Graduate	Other
Full-Time	90.7%	89.4%	76.5%
Part-Time	9.3	10.6	23.5
TOTAL	100.0	100.0	100.0

TABLE 9.8

Visa Type of Foreign Students within Academic Level, 1987/88

Visa Type	Academic Level		
	Undergraduate	Graduate	Other
F visa	84.4%	74.8%	69.6%
J Visa	4.3	21.2	17.9
M Visa	0.2	0.0	0.1
Other Visa	6.9	3.8	11.2
Refugee	4.2	0.2	1.2
TOTAL	100.0	100.0	100.0

whether foreign students in particular fields of study were undergraduate, graduate, or "other" students. Also analyzed are subgroups based on primary source of funds, gender, marital status, enrollment status and type of visa.

Region, Subregion, and Country or Other Place of Origin. Presented in **Table 9.9** and **Figure 9.A** are the academic level breakdowns of students from the major world regions, subregions, and leading countries or other places of origin. As in previous years, Latin America sent the highest percentage of undergraduates (69.9%) of all world regions. Within Latin America, the Caribbean subregion underlined the trend, with 84.7% of its students coming as undergraduates. Other world regions and subregions with high proportions of undergraduates included Central America (70.6%), Southeast Asia (67.9%), and the Middle East (64.2%). The region with the highest proportion of graduate students was Asia, at 53.3% this, despite the fact that only 28.7% of the students from the subregion of Southeast Asia studied at the graduate level. The low figure for Southeast Asia was balanced by the high proportion of graduate students from the East Asia (62.5%) and from the South Central Asia (60.7%) subregions. The only other world region with more than two-fifths of its students at the graduate level was Europe, with 42.8%.

TABLE 9.9

Academic Level of Foreign Students by Region, Subregion, and Leading Place of Origin, 1987/88

Region/Locality	Academic Level		
	Undergraduate	Graduate	Other
AFRICA	**57.5%**	**39.5%**	**3.0%**
North Africa	**38.4**	**57.5**	**4.1**
Egypt	31.7	64.8	3.5
Morocco	60.5	34.1	5.4
Tunisia	45.1	52.3	2.6
Algeria	15.3	78.5	6.2
Sudan	45.6	49.6	4.8
Libya	40.3	56.2	3.5
Sub Saharan Africa	**62.3**	**35.1**	**2.6**
Nigeria	60.7	37.5	1.9
South Africa	57.6	39.9	2.5
Kenya	68.3	30.0	1.9
Ethiopia	78.5	19.1	2.4
Cameroon	70.0	27.1	2.9
EUROPE	**49.6**	**42.8**	**7.6**
Eastern Europe	**39.4**	**52.9**	**7.7**
Yugoslavia	33.5	63.9	2.6
Poland	39.3	49.9	10.8
Hungary	32.4	54.9	12.7
Western Europe	**50.2**	**42.3**	**7.5**
United Kingdom	55.1	38.5	6.4
Germany, F.R.	44.0	45.8	10.2
France	43.7	43.8	12.5
Greece	43.3	53.5	3.2
Spain	47.1	43.4	9.5
LATIN AMERICA	**69.9**	**24.7**	**5.4**
Caribbean	**84.7**	**13.1**	**2.2**
Jamaica	78.2	19.7	2.1
Trinidad and Tobago	80.9	17.0	2.1
Bahamas	90.9	6.8	2.3
Haiti	91.1	6.9	2.0
Cuba	98.0	1.4	0.6
Central America	**70.6**	**22.5**	**6.9**
Mexico	59.6	30.5	9.9
Nicaragua	92.7	5.5	1.8
Panama	59.6	30.5	9.9
Honduras	78.9	15.2	5.9
El Salvador	74.6	20.1	5.3
South America	**60.5**	**33.5**	**6.0**
Venezuela	71.3	23.3	5.4
Colombia	64.6	27.8	7.6
Brazil	45.9	47.1	7.0
Peru	63.9	29.8	6.3
Argentina	37.8	57.4	4.8
MIDDLE EAST	**64.2**	**30.9**	**4.9**
Iran	60.1	35.6	4.3
Lebanon	69.1	26.6	4.3
Saudi Arabia	58.9	34.1	7.0
Jordan	73.5	22.9	3.6
Kuwait	80.2	14.0	5.8
NORTH AMERICA	**60.5**	**36.5**	**3.0**
Canada	59.2	37.7	3.1
Bermuda	91.8	7.2	1.0
OCEANIA	**61.6**	**31.9**	**6.5**
Australia	39.4	56.7	3.9
Pacific Islands, Trust Terr. of	83.4	1.8	14.8
New Zealand	50.3	47.9	1.8
ASIA	**41.8**	**53.3**	**4.9**
East Asia	**31.3**	**62.5**	**6.2**
Taiwan	18.1	78.3	3.6
China	14.9	81.0	4.1
Korea, Rep. of	23.9	72.8	3.3
Japan	58.2	23.6	18.2
Hong Kong	68.1	29.7	2.2
South Central Asia	**36.7**	**60.7**	**2.6**
India	23.6	74.0	2.4
Pakistan	63.8	33.8	2.5
Bangladesh	53.6	42.1	4.3
Sri Lanka	54.4	43.3	2.3
Nepal	52.6	44.1	3.3
Southeast Asia	**67.9**	**28.7**	**3.4**
Malaysia	77.1	21.3	1.6
Indonesia	66.9	28.7	4.4
Thailand	38.0	56.3	5.7
Singapore	76.8	21.6	1.6
Philippines	53.1	41.0	5.9
YEAR TOTAL	**51.4**	**43.6**	**5.0**

TABLE 9.10

Academic Level of Foreign Students by Field of Study, 1987/88

Field of Study	Academic Level		
	Undergraduate	Graduate	Other
Agriculture	25.8%	72.1%	2.1%
Business and Management	66.0	31.9	2.1
Education	32.5	65.9	1.6
Engineering	51.6	47.1	1.3
Fine and Applied Arts	59.3	36.3	4.4
Health Sciences	49.6	45.5	4.9
Humanities	28.9	67.9	3.2
Mathematics and Computer Science	53.6	44.9	1.5
Physical and Life Sciences	30.1	68.2	1.7
Social Sciences	38.0	60.6	1.4
Other	69.9	27.5	2.6
Intensive English Language	1.1	0.1	98.8
Undeclared	80.2	8.3	11.5

TABLE 9.11

Academic Level of Foreign Students by Primary Source of Funds, 1987/88

Primary Source of Funds	Academic Level		
	Undergraduate	Graduate	Other
Personal and Family	70.6%	24.6%	4.6%
U.S. College or University	22.8	75.3	1.9
Home Government/University	54.3	42.4	3.3
Foreign Private Sponsor	54.2	43.4	2.4
U.S. Private Sponsor	60.7	35.1	4.2
Current Employment	21.1	33.7	45.2
U.S. Government	53.3	42.2	4.5
Other	50.8	37.7	11.5

The countries with the highest proportions of undergraduates were, in descending order, Cuba (98.0%), Nicaragua (92.7%), Bermuda (91.8%), Haiti (91.1%), the Bahamas (90.9%), The Pacific Island Trust Territories (83.4%) Trinidad and Tobago (80.9%), and Kuwait (80.2%). The countries with the highest proportions of graduate level students included China (81.0%), Algeria (78.5%), Taiwan (78.3%), India (74.0%) and Korea (72.8%).

Possibly the most interesting analysis of these data results from looking at countries that do not follow the regional profile. For instance, over half of North Africans (57.5%) were graduate students, but only one-third of the Moroccans (34.1%). Similarly, six out of ten South American students (60.5%) were undergraduates, but only 45.9% of Brazilians and a mere 37.8% of Argentinians. Even more interesting, while East Asia sent the highest subregional proportion of graduate students (62.5%), only 23.6% of the Japanese students and 29.7% of the students from Hong Kong studied at that level. Meanwhile, over 70% of the students from the People's Republic of China, Taiwan, and Korea, which are all in the same subregion, were graduate students. Further, six-tenths of the students from South Central Asia (60.7%) were graduate students, but only 33.8% of the students from Pakistan. Finally, two-thirds (67.9%) of Southeast Asian but only four-tenths (38.0%) of Thai students were undergraduates. Thus, it is clear that in many cases, subregional or regional trends merely average out the difference between widely divergent country tendencies.

9.B

Academic Level of Foreign Students by Field of Study, 1987/88

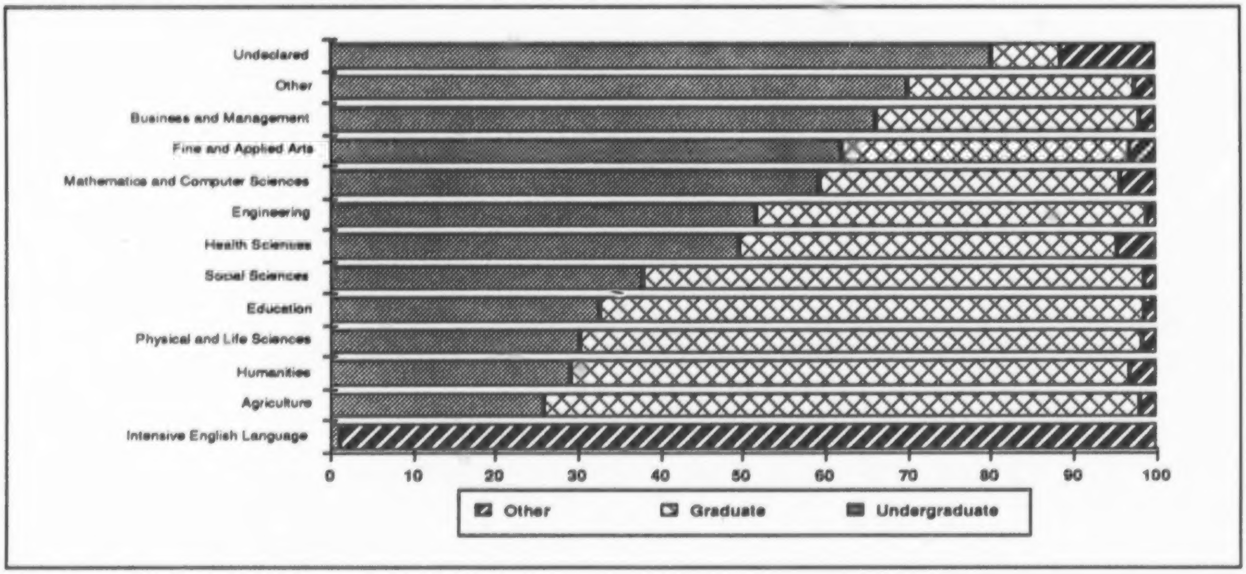


TABLE 9.12

Academic Level of Foreign Students by Gender, 1987/88

Gender	Academic Level Under-graduate	Graduate	Other	All Levels
Male	49.5%	46.2%	4.3%	100.0%
Female	58.4	35.5	6.1	100.0

TABLE 9.13

Academic Level of Foreign Students by Marital Status, 1987/88

Marital Status	Academic Level Under-graduate	Graduate	Other	All Levels
Single	60.4%	34.5%	5.1%	100.0%
Married	24.4	71.4	4.2	100.0

Field of Study. As shown in **Table 9.10**, foreign students in different fields of study were at the graduate and undergraduate level in varying proportions. In five fields, more than 60% of the students were graduate students. The highest preponderance was in agriculture, where 72.1% of foreign students studied at the graduate level. Following agriculture were the physical and life sciences, with 68.2% of the students at the graduate level; the humanities (67.9%), education (65.9%), and the social sciences (60.6%). By contrast, in four fields of study, large majorities of foreign students were undergraduates. Two-thirds (66.0%) of foreign students in business and management were undergraduates, as were a majority of students in fine and applied arts (59.3%), math and computer sciences (53.6%), and engineering (51.6%). Not surprisingly, 80.2% of all undeclared students were undergraduates, as were 69.9% of all students in "other" fields of study. Virtually all (98.8%) students in Intensive English language programs were neither graduate nor undergraduate level students (**Table 9.10** and **Figure 9.B**).

Primary Source of Funds. The academic level of foreign students according to their primary source of funding changed little last year. Seven of every ten (70.8%) students funded with personal and family resources were studying at the undergraduate level, while three-quarters (75.3%) of all students funded by U.S. college or university resources were studying at the graduate level (**Table 9.11**). Graduates and undergraduates are fairly evenly split among students funded either by their home government or by U.S. government resources.

Gender. The data in **Table 9.12** show that half (49.5%) of the male foreign students were undergraduates. Meanwhile, nearly six of ten (58.4%) female foreign students were studying at the undergraduate level. Compared to the previous year's distribution, this represents a shift away from undergraduate study for both males and females. Also important to note is that females were more likely (6.1%) than males (4.3%) to be in the "other" academic level category.

Marital Status. Not surprisingly, a greater proportion of married students were graduate students than undergraduates (**Table 9.13**). In fact, 71.4% of the married students, compared to only 34.5% of the single students, were at the graduate level.

Enrollment Status. More than half of all full-time (53.1%) and a plurality of part-time (45.4%) students were at the undergraduate level, and almost exactly the same proportion of each, about 41%, were at the graduate level. However, 13.5% of all part-time students were at the "other" academic level, but only 5.3% of the full-time students. (**Table 9.14**).

Visa Type. As can be seen in **Table 9.15**, a little less than six-tenths (57.2%) of students with F visas and the vast majority (94.9%) of students with refugee status were undergraduates. At the same time, 72.7% of all J visa holders were graduate students.

TABLE 9.14

Academic Level of Foreign Students by Enrollment Status, 1987/88

Enrollment Status	Academic Level Under-graduate	Graduate	Other	All Levels
Full-Time	53.1%	41.6%	5.3%	100.0%
Part-Time	45.4	41.1	13.5	100.0

TABLE 9.15

Academic Level of Foreign Students by Visa Type, 1987/88

Visa Type	Academic Level Under-graduate	Graduate	Other	All Levels
F visa	57.2%	38.3%	4.4%	100.0%
J Visa	19.7	72.7	7.6	100.0
M Visa	90.4	4.6	5.0	100.0
Other Visa	63.4	26.8	9.7	100.0
Refugee	94.9	2.4	2.7	100.0

Part II: COST-OF-LIVING EXPENDITURES BY FOREIGN STUDENTS IN THE U.S.

Presented here are estimated cost-of-living expenditures by foreign students in the United States based on information from two sources: 1) the number of foreign students reported for 1987/88 in the Annual Census, and 2) the recommended Monthly Maintenance Rates (MMRs) for 1988/89 calculated by IIE for use by the Fulbright scholarship program.

The MMRs are based on Bureau of Labor Statistics estimates of intermediate-level family budgets and comparative indices of prices in selected urban areas, with adjustments to reflect inflation and special foreign student needs. Since living costs vary in different regions of the United States and between urban and nonmetropolitan areas, IIE has located each institution within its appropriate geographical area, thereby providing it with a specific MMR. It should be noted that the MMR includes living costs only; it does not include expenditures for tuition, fees, books, insurance, special equipment, travel, or dependents.

Table 10.0 estimates the cost-of-living expenditures by foreign students in each state. To do this, the MMR is multiplied by nine (representing a nine-month academic year), then multiplied by the number of foreign students reported in each institution in a state. The estimated expenditures for each institution in a state are then totaled to arrive at a state figure. MMRs vary from region to region, but the average MMR for 1988/89 is $700. **Table 10.1** provides similar estimated expenditures for selected metropolitan areas using the specific MMR for that region. **Figure 10.A** illustrates the estimated expenditures by foreign students in the ten states with the highest expenditure figures.

10.A

States With the Highest Estimated Foreign Student Cost-of-Living Expenditures, 1987/88

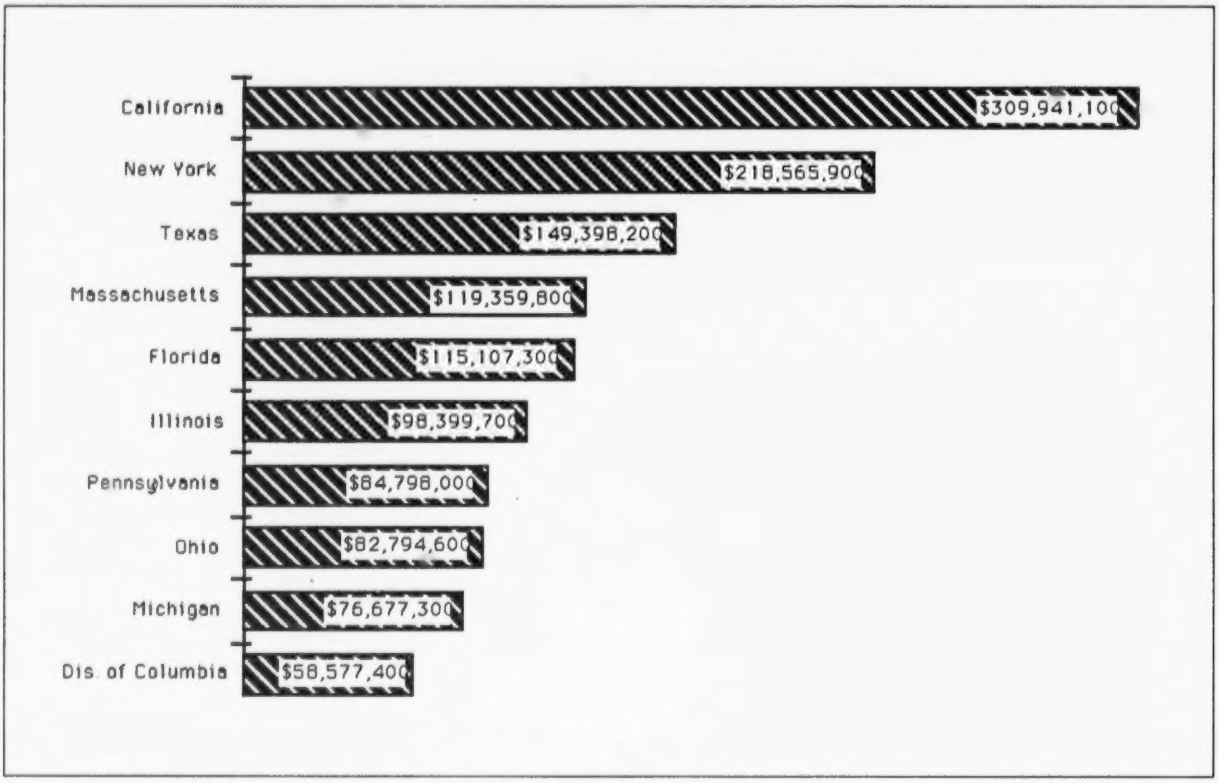


TABLE 10.0

Estimated Academic Year Cost-of-Living Expenditures by State, 1988/89

State	Institutions Reporting	Foreign Students	Estimated Expenditures[1]
Alabama	46	4,130	$26,019,000
Alaska	9	276	1,738,800
Arizona	25	6,560	41,328,000
Arkansas	23	1,818	11,453,400
California	247	49,197	309,941,100
Colorado	40	4,439	27,965,700
Connecticut	41	4,010	25,263,000
Delaware	9	855	5,386,500
District of Columbia	16	9,298	58,577,400
Florida	64	18,271	115,107,300
Georgia	67	6,131	38,625,300
Hawaii	13	3,648	22,982,400
Idaho	9	966	6,085,800
Illinois	121	15,619	98,399,700
Indiana	54	7,088	44,654,400
Iowa	47	5,855	36,886,500
Kansas	44	5,154	32,470,200
Kentucky	38	2,024	12,751,200
Louisiana	27	6,114	38,518,200
Maine	22	615	3,874,500
Maryland	45	6,386	40,231,800
Massachusetts	99	18,946	119,359,800
Michigan	76	12,171	76,677,300
Minnesota	56	5,089	32,060,700
Mississippi	27	1,639	10,325,700
Missouri	66	6,223	39,204,900
Montana	12	643	4,050,900
Nebraska	27	1,801	11,346,300
Nevada	6	609	3,836,700
New Hampshire	21	1,288	8,114,400
New Jersey	54	8,397	52,901,100
New Mexico	15	1,513	9,531,900
New York	185	34,693	218,565,900
North Carolina	83	5,407	34,064,100
North Dakota	13	1,090	6,867,000
Ohio	93	13,142	82,794,600
Oklahoma	37	6,673	42,039,900
Oregon	42	6,147	38,726,100
Pennsylvania	129	13,460	84,798,000
Rhode Island	10	1,711	10,779,300
South Carolina	48	2,088	13,154,400
South Dakota	14	704	4,435,200
Tennessee	56	4,078	25,691,400
Texas	141	23,714	149,398,200
Utah	12	4,417	27,827,100
Vermont	21	1,132	7,131,600
Virginia	62	6,364	40,093,200
Washington	47	5,988	37,724,400
West Virginia	23	1,220	7,686,000
Wisconsin	43	5,651	35,601,300
Wyoming	7	486	3,074,400
Guam	2	529	3,332,700
Puerto Rico	17	466	2,935,800
Virgin Islands	1	252	1,587,600
TOTAL	**2,552**	**356,187**	**$2,243,978,100**

[1] *Estimated expenditures are based on the number of foreign students reported in academic year 1987/88, multiplied by the average suggested monthly maintenance rate for academic year 1988/89 ($700), multiplied by nine months.*

TABLE 10.1

Estimated Academic-Year Cost-of-Living Expenditures of Foreign Students in Selected Metropolitan Areas, 1988/89

Metropolitan Area	Institutions Reporting Foreign Students	Foreign Students 1987/88	Monthly $ Rate 1988/89	Estimated Expenditures[1]
Northeast				
Boston-Lawrence-Salem, MA-NH	64	15,525	$790	$110,382,750
Buffalo-Niagra Falls, NY	12	2,511	690	15,593,310
Hartford-New Britain-Middletown, CT	14	1,564	725	10,205,100
Lancaster, PA	5	120	675	729,000
New York City-Northern NJ-L.I., NY-NJ-CT	137	30,049	785	212,296,185
Philadelphia-Wilmington-Trenton, PA-DE-NJ-MD	67	8,193	715	52,721,955
Pittsburgh-Beaver Valley, PA	17	2,596	650	15,186,600
Portland, ME	6	93	730	611,010
Scranton-Wilkes-Barre,PA	11	348	685	2,145,420
North Central				
Cedar Rapids, IA	4	324	640	1,866,240
Champaign Urbana-Rantoul, IL	2	2,498	695	15,624,990
Chicago-Gary-Lake City, IL-IN-WI	78	8,033	730	52,776,810
Cincinnati-Hamilton, OH-KY-IN	10	1,487	660	8,832,780
Cleveland-Akron-Lorain, OH	21	3,229	680	19,761,480
Dayton-Springfield, OH	12	734	635	4,194,810
Detroit-Ann Arbor, MI	28	6,134	660	36,435,960
Green-Bay, WI	2	82	620	457,560
Indianapolis-Anderson, IN	9	335	660	1,989,900
Kansas City, MO-KS	22	1,146	685	7,065,090
Milwaukee-Racine, WI	12	1,393	680	8,525,160
Minneapolis-St. Paul MN-WI	22	3,329	690	20,673,030
St.-East St. Louis-Alton, MO-IL	28	2,409	670	14,526,270
Wichita, KS	4	975	675	5,923,125
South				
Atlanta, GA	26	3,851	670	23,221,530
Austin, TX	9	4,093	660	24,312,420
Baltimore, MD	24	2,208	710	14,109,120
Baton Rouge, LA	2	2,097	665	12,550,545
Dallas-Fort Worth, TX	27	5,799	690	36,011,790
Raleigh-Durham, NC	13	2,807	685	17,305,155
Houston-Galveston-Brazoria, TX	22	5,612	675	34,092,900
Nashville, TN	12	1,324	660	7,864,560
Orlando, FL	4	774	660	4,597,560
Washington, DC-MD-VA	33	15,827	790	112,529,970
Miami-Fort Lauderdale, FL	12	9,729	675	59,103,675
West				
Bakersfield, CA	3	192	720	1,224,160
Denver-Boulder, CO	18	2,774	680	16,976,880
Los Angeles-Anaheim-Riverside, CA	98	24,284	790	172,659,240
San Diego, CA	18	3,480	735	23,020,200
San Francisco-Oakland-San Jose, CA	80	14,572	825	108,197,100
Seattle-Tacoma, WA	19	3,591	730	23,592,870
Honolulu, HI	13	3,648	845	27,743,040
Portland-Vancouver, OR-WA	22	1,968	725	12,841,200
Anchorage, AK	9	276	965	2,397,060

[1] *Estimated expenditures are based on the number of foreign students reported in academic year 1987/88, multiplied by the metropolitan area's suggested monthly maintenance rate for the academic year 1988/89, multiplied by nine months.*

Part III: INTENSIVE ENGLISH LANGUAGE PROGRAMS

BACKGROUND

In the late seventies, upon the recommendation of the Interassociational Committee on Data Collection (ICDC), IIE conducted an exploratory survey to determine the number of nonimmigrant foreign students enrolled in Intensive English Language Programs (IELPs). The results of that survey, presented in *Open Doors 1978/79,* indicated that a significant number of foreign students enrolled in these IELPs. Since these students constitute a substantial pool for entry into full-time academic programs, IIE began to survey IELP's on an annual basis.

THE SURVEY

Using *English Language and Orientation Programs in the United States,* (New York, IIE 1984) as a directory of IELPs, IIE surveyed 392 programs offering a mini-

TABLE 11.0

Foreign Student Enrollment and Intensive English Language Programs Reporting, Fall 1978/79-1987/88

Year	Foreign IELP Students	Number of Programs
1978/79	23,607	163
1979/80	20,243	190
1980/81	22,897	238
1981/82	32,224	305
1982/83	30,135	314
1983/84	25,246	308
1984/85	25,414	352
1985/86	23,956	337
1986/87	25,044	306
1987/88	23,965	291

11.A
Foreign Student Enrollments In Intensive English Language Programs, 1979/80 - 1987/88

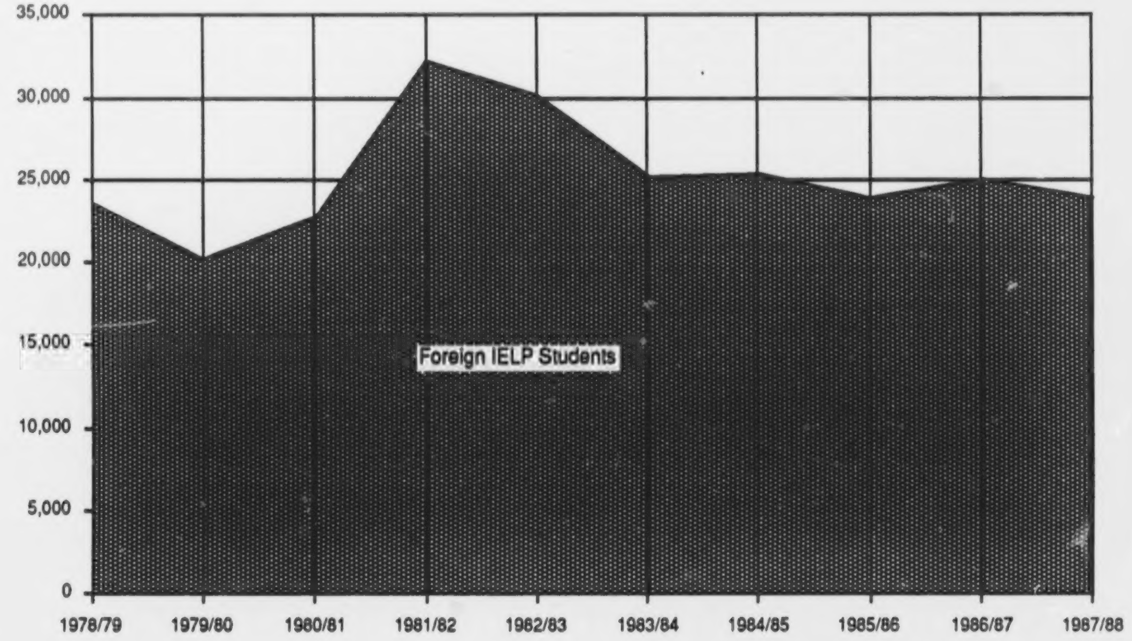


TABLE 11.1

Intensive English Language Programs and IELP Students by Reporting Category, Fall 1985/86-1987/88

Reporting Category	1985/86				1986/87				1987/88			
	IELP Programs		Foreign IELP Students		IELP Programs		Foreign IELP Students		IELP Programs		Foreign IELP Students	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
IELP Survey Only	160	47.5	13,158	54.9	157	51.3	15,089	60.2	149	51.2	15,138	63.2
Annual Census	177	52.5	10,798	45.1	149	48.7	9,955	39.8	142	48.8	8,827	36.8
TOTAL	**337**	100.0	**23,956**	100.0	**306**	100.0	**25,044**	100.0	**291**	100.0	**23,965**	100.0

TABLE 11.2

Institutions with the Most IELP Students, Fall 1987/88

Institution	State	Foreign IELP Students
Miami-Dade Community College/ESL	FL	964
Hunter College/International English Language Institute	NY	915
New York University American Language Institute	NY	855
Loop College/ESL	IL	559
Central Piedmont Community College/ ESL	NC	431
Harvard University ESL	MA	411
Boston University/ Center for English Language and Orientation Programs	MA	375
Queens College/ English Language Institute	NY	375
Clark County Community College ESL	NV	301
San Diego State University/ American Language Institute	CA	289
LaGuardia Community College/ Intensive English Program	NY	289
University of Arizona/ Center for English as a Second Language	AZ	269
California State University, Northridge/ ESL	CA	259
Brigham Young University/ English Language Institute	HI	257
Hawaii Pacific College/ English Foundations Program	HI	252
University of Washington/ ESL	WA	239
University of Texas, Austin/ Intensive English Program	TX	227
Louisiana State University /ESL	LA	224
University of California Davis /ESL	CA	205
Language Institute for English	NJ	203

TABLE 11.3

States With the Most IELP Students and Percentage Change, Fall 1986/87-1987/88

Rank			1986/87		1987/88		
1986/87	1987/88	State	Foreign Students	% of Total	Foreign Students	% of Total	% Change
1	1	California	4,531	18.1	3,749	15.6	-17.3
2	2	New York	2,721	10.9	3,561	14.9	30.9
3	3.	Florida	1,715	6.8	1,953	8.1	13.9
6	4	Massachusetts	808	3.2	1,361	5.7	68.4
4	5	Texas	1,116	4.5	1,044	4.4	-6.5
5	6	Illinois	1,115	4.5	925	3.9	-17.0
9	7	Washington	690	2.8	864	3.6	25.2
7	8	Ohio	787	3.1	747	3.1	-5.1
—	9	Hawaii	594	2.4	629	2.6	5.9
10	10	District of Columbia	608	2.4	573	2.4	-5.8
Total, 10 Leading States			**14,839**[1]	**59.3**[1]	15,406	64.3	3.8

[1] Totals are for the ten leading states of 1986/87 which included Louisiana (ranked eighth).

86

mum of fifteen hours of classroom instruction per week, 11 fewer than in 1986/87. (**A list of the IELPs surveyed appears in Appendix A8**). Officials connected with each program were asked to report the total number of foreign students enrolled during the fall of 1987, their gender, visa type, and country or other place of origin, and to indicate whether information on these students was also reported in the Census.

RESULTS

IIE received 315 responses to the survey. A total of 291 institutions reported enrolling foreign students in Intensive English Language Programs; of the remaining 14, 12 reported enrolling no foreign students and 2 reported offering summer programs only.

Table 11.0 summarizes the basic findings of last year's survey, with comparable results from past years. The number of programs reporting foreign student enrollments decreased by 4.9%, from 306 in 1986/87 to 291 in 1987/88. The number of foreign students enrolled in IELPs also fell by about 1,000 to 23,965 (**Figure 11.A**). IELP students represented 6.7% of all foreign students in the United States in 1987/88, down from 7.2% in the previous year.

The number of programs that are associated with a college or university dropped slightly from 149 in 1986/87 to 142 (**Table 11.1**). These enrolled 8,827 foreign students, 1,128 or 11.3% fewer than in the previous year. The number of programs that are not affiliated with an institution of higher education also declined somewhat during the same period, from 157 to 149. These programs enrolled 15,138 students, 49 or 0.3% more than in the previous year.

The Intensive English Language Programs reporting the highest foreign student enrollments are listed in **Table 11.2**. Miami-Dade Community College/English as a Second Language led, with 964 students. The second largest program was Hunter College/International English Language Institute, with 915 students, and New York University/American Language Instutute was third, with 855 students. Other programs with relatively high enrollments were Loop College/English as a Second Language, which enrolled 559 students, and Central Piedmont Community College, which had 431 students. The 10 largest programs enrolled 5,475 students, constituting 22.8% of all students in IELPs.

Distribution by State. The distribution of foreign students in IELPs among the 47 states and the District of Columbia which reported foreign IELP students is presented in **Table 11.4.** The numbers of students included in the Census and those not included in the Census are presented separately. Distribution was quite uneven,

TABLE 11.4

Reporting Category of IELP Students by State, Fall 1987/88

State	Reporting Category		
	Included in Census	Not Included in Census	Foreign IELP Students
Alabama	45	106	151
Alaska	4	0	4
Arizona	376	162	538
Arkansas	60	4	64
California	507	3,242	3,749
Colorado	30	468	498
Connecticut	30	80	110
Delaware	197	0	197
District of Columbia	276	297	573
Florida	1,150	803	1,953
Georgia	163	202	365
Hawaii	510	119	629
Idaho	43	0	43
Illinois	168	757	925
Indiana	137	61	198
Iowa	236	22	258
Kansas	488	1	489
Kentucky	30	45	75
Louisiana	35	430	465
Maine	0	32	32
Maryland	161	54	215
Massachusetts	604	757	1,361
Michigan	253	143	396
Minnesota	73	141	214
Mississippi	46	76	122
Missouri	151	0	151
Montana	0	0	0
Nebraska	28	96	124
Nevada	3	314	317
New Hampshire	21	0	21
New Jersey	3	301	304
New Mexico	72	0	72
New York	369	3,192	3,561
North Carolina	488	62	550
North Dakota	0	0	0
Ohio	434	313	747
Oklahoma	7	271	278
Oregon	136	342	478
Pennsylvania	187	203	390
Rhode Island	0	35	35
South Carolina	0	93	93
South Dakota	28	0	28
Tennessee	242	120	362
Texas	427	617	1,044
Utah	234	188	422
Vermont	56	72	128
Virginia	137	4	141
Washington	138	726	864
West Virginia	23	0	23
Wisconsin	21	187	208
Wyoming	0	0	0
Guam	0	0	0
Puerto Rico	0	0	0
Virgin Islands	0	0	0
TOTAL	8,827	15,138	23,965

TABLE 11.5

IELP Students by World Region of Origin, and Percentage Change, Fall 1986/87-1987/88

Region of Origin[1]	1986/87 Foreign IELP Students	1986/87 % of Total	1987/88 Foreign IELP Students	1987/88 % of Total	% Change
Africa	1,095	4.4	698	2.9	-36.3
Europe	2,258	9.0	2,162	9.0	-4.3
Latin America	5,433	21.7	5,275	22.0	-2.9
Middle East	4,453	17.8	3,010	12.6	-32.4
North America	90	0.4	32	0.1	-64.4
Oceania	209	0.8	186	0.8	-11.0
Asia	11,451	45.7	12,570	52.4	9.8

[1] *Does not include students classified as stateless.*

ranging from 4 students in Alaska to 3,749 in California. Five states had more than 1,000 IELP students, while three states and three territories had none.

States with the Most IELP Students. Table 11.3 lists the states reporting the highest IELP enrollments. Eight of the states with the most IELP students also had the highest enrollments of foreign students in general (see **Table 5.6**). The only exceptions are Washington and Hawaii, which were among the top ten with IELP students, but not foreign students in general. California had 782 fewer students than in the previous year, a 17.3% decline. Similarly, Illinois lost 17.0% of its IELP population last year. However, New York had 840 more of these students, 30.9% more than in the previous year. The IELP population in Massachusetts also experienced a substantial growth, increasing by 68.4%, an actual increase of 553 students. Hawaii replaced Louisiana in the top ten states, with 35 additional students, an increase of 5.9%.

11.B

Gender of IELP Students, 1987/88

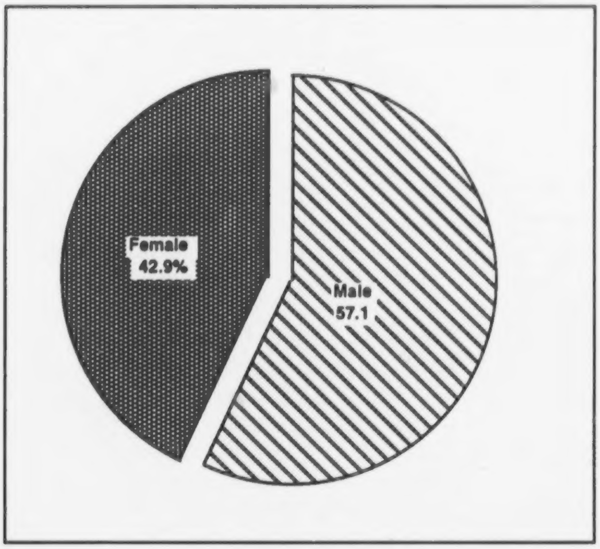


TABLE 11.6

IELP Students by World Region, Subregion, and Leading Place of Origin, 1986/87 1987/88

Locality	1986/87	1987/88	% Change
AFRICA	**1,095**	**698**	**-36.3**
Northern Africa	**352**	**287**	**-18.5**
Morocco	129	116	-10.1
Egypt	83	90	8.4
Sudan	49	45	-8.2
Sub Saharan Africa[1]	**743**	**411**	**-44.7**
Ethiopia	122	78	-36.1
Somalia	87	58	-33.3
Cameroon	72	40	-44.4
EUROPE	**2,258**	**2,162**	**-4.3**
Eastern Europe	**302**	**246**	**-18.5**
Poland	184	146	-20.7
Western Europe	**1,956**	**1,916**	**-2.0**
Switzerland	370	365	-1.4
Italy	394	348	-11.7
France	294	334	13.6
LATIN AMERICA	**5,433**	**5,275**	**-2.9**
Caribbean	**581**	**510**	**-12.2**
Cuba	210	191	-9.0
Haiti	199	157	-21.1
Dominican Republic	134	152	13.4
Central America	**2,193**	**2,346**	**7.0**
Mexico	957	992	3.7
Nicaragua	451	525	16.4
El Salvador	193	261	35.2
South America	**2,659**	**2,419**	**-9.0**
Colombia	817	800	-2.1
Brazil	506	463	-8.5
Venezuela	341	305	-10.6
MIDDLE EAST	**4,453**	**3,010**	**-32.4**
Saudi Arabia	1,177	835	-29.1
Jordan	439	372	-15.3
Turkey	305	294	-3.6
NORTH AMERICA	**90**	**32**	**-64.4**
Canada	88	32	-63.6
OCEANIA	**209**	**186**	**-11.0**
Tonga	46	40	-13.0
Western Samoa	32	37	15.6
Pacific Islands, Trust Terr. of,	79	37	-53.2
ASIA	**11,451**	**12,570**	**9.8**
East Asia	**8,405**	**10,087**	**20.0**
Japan	4,636	6,289	35.7
China	1,507	1,781	18.2
Korea, Rep. of	1,324	1,114	-15.9
South Central Asia	**360**	**323**	**-10.3**
Pakistan	131	130	-0.8
Bangladesh	46	107	132.6
India	111	61	-45.0
Southeast Asia	**2,686**	**2,160**	**-19.6**
Indonesia	1,038	727	-30.0
Thailand	630	682	8.3
Malaysia	381	308	-19.2
TOTAL	**25,044**	**23,965**	**-4.3**

[1] *Includes Eastern, Central, Southern and Western Africa.*

Region and Country or Other Place of Origin

Table 11.5 presents the distribution of IELP students by

TABLE 11.7

Leading Countries or Other Places of Origin of IELP Students and Percentage Change, Fall 1986/87-1987/88

Rank			1986/87		1987/88		
1986/87	1987/88	Country/ Locality of Origin	Foreign IELP Students	% of Total IELP	Foreign IELP Students	% of Total IELP	% Change
1	1	Japan	4,636	18.5	6,289	26.2	35.7
2	2	China	1,507	6.0	1,781	7.4	18.2
3	3	Korea, Rep. of	1,324	5.3	1,114	4.6	-15.9
6	4	Mexico	957	3.8	992	4.1	3.7
4	5	Saudi Arabia	1,177	4.7	835	3.5	-29.1
7	6	Colombia	817	3.3	800	3.3	-2.1
5	7	Indonesia	1,038	4.1	727	3.0	-30.0
10	8	Thailand	630	2.5	682	2.8	8.3
9	9	Taiwan	716	2.9	640	2.7	-10.6
—	10	Nicaragua	451	1.8	525	2.2	16.4
Total, 10 Leading Countries of Origin			13,547[1]	54.1[1]	14,385	60.0	6.2

[1] *Totals are for the ten leading countries or other places of origin of 1986/87 , which included Iran (ranked eighth)*

TABLE 11.8

IELP Students by Visa Type, Fall 1986/87-1987/88

	1986/87		1987/88	
Visa Type	Foreign IELP Students	% of Total	Foreign IELP Students	% of Total
F Visa	18,098	72.3	18,269	76.2
J Visa	1,361	5.4	1,204	5.0
M Visa	21	0.1	33	0.1
Other Visa	3,922	15.7	3,215	13.4
Refugee	1,642	6.6	1,244	5.2
TOTAL	25,044	100.0	23,965	100.0

region of origin in 1986/87 and 1987/88. The data show that more than half of the students (52.4%) were from Asia, a proportion similar to that reported on the Census. Compared to total foreign student distributions, Latin Americans (22%) were overrepresented in IELP programs, while Africans (2.9%), North Americans (0.1%) and Oceanians (0.8%) were underrepresented. The proportion of Middle Easterners attending IELPs (12.6%) is similar to the proportion of all students from this region.

The countries and other places that sent the largest number of IELP students in 1986/87, presented in **Table 11.6,** were substantially different from the leading countries of origin reported in the Annual Census (**Table 2.5**). Commonwealth members such as India, Canada, Nigeria, and Hong Kong are not represented among IELP enrollments, since English is a language of instruction at home. In contrast, some non-English speaking countries like the Republic of Korea, China, Japan, and Indonesia sent relatively large numbers of both IELP students and foreign students overall.

Most IELP students in 1987/88 were from Japan (6,289, a 35.7% increase over the previous year); China (1,781); and the Republic of Korea (1,114). Six of the 10 leading places of origin of IELP students are in Asia, three are in Latin America, and one is in the Middle East. Taiwan, whose students represented the largest number of foreign students in the overall foreign student population, had only 640 IELP students.

The largest percentage increases in IELP enrollment occurred among students from Japan, with 1,653 students (35.7%), and from The People's Republic of China with 274 more students (18.2%). The countries that experienced the largest percentage decreases in IELP enrollment last year were Indonesia, with 311 or 30.0% fewer students, Saudi Arabia, with 342 or 29.1% fewer students, and the Republic of Korea, with 1,210 or 15.9% fewer students.

Personal Characteristics. The percentage of male and female students in IELPs is illustrated in **Figure 11.B.** There were proportionately more women (42.9%) among IELP students than among foreign students reported in the Annual Census (32.3%), but the proportion of female IELP students increased a slight 0.8% from 1985/86.

Table 11.7 shows the visa type of IELP students. The proportions holding F and J visas in 1986/87 were somewhat lower than the proportions for all foreign students (see **Table 4.6**), while the proportions of refugees and those holding other visas were slightly higher. Definitions of the F, J, and M visas appear in the front of this book.

PART IV: APPENDICES

A1. FOREIGN STUDENT ENROLLMENT BY INSTITUTION

NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
	ALABAMA							
63400	ALABAMA A & M UNIV	NORMAL	650	515	20.8-	Y	Y	Y
63403A	ALABAMA AT BIRMINGHAM, U	BIRMINGHAM	401	435	8.5	Y	Y	N
63403C	ALABAMA AT HUNTSVILLE, U	HUNTSVILLE	150 E	190 E	26.7	Y	N	N
63402	ALABAMA STATE UNIV	MONTGOMERY	62	47	24.2-	Y	Y	Y
63403	ALABAMA, UNIV OF	TUSCALOOSA	725	743 E	2.5	Y	N	N
63405	ALEXANDER CITY STATE JC	ALEXANDER CITY	8	10	25.0	Y	N	N
63406	ATHENS STATE COLL	ATHENS	5	0	100.0-	Y	N	N
63407A	AUBURN U AT MONTGOMERY	MONTGOMERY	13	24	84.6	Y	Y	Y
63407	AUBURN U MAIN CAMPUS	AUBURN UNIV	460 E	593	28.9	Y	Y	Y
63408	BIRMINGHAM SOUTHERN COLL	BIRMINGHAM	18	17	5.6-	Y	Y	Y
63404	BREWER STATE JR COLL	FAYETTE	0	1	**	Y	Y	Y
63452	CHATTAHOOCHEE VALLEY CC	PHENIX CITY	13	10	23.1-	Y	Y	Y
63451	CONCORDIA COLL	SELMA	0	2	**	Y	N	N
63411	ENTERPRISE STATE JR COLL	ENTERPRISE	2	1	50.0-	Y	Y	Y
63417	FAULKNER STATE JR COLL	BAY MINETTE	4	3	25.0-	Y	Y	Y
63401	FAULKNER UNIV	MONTGOMERY	32	28	12.5-	Y	Y	N
63414	G WALLACE STATE CC DOTHAN	DOTHAN	5	7	40.0	Y	Y	Y
63453	G WALLACE STATE CC HANCVL	HANCEVILLE	2	3	50.0	Y	Y	Y
63450	G WALLACE STATE CC SELMA	SELMA	0	0		Y	N	N
63413	GADSDEN STATE CMTY COLL	GADSDEN	246	267	8.5	Y	Y	Y
63415	HUNTINGDON COLL	MONTGOMERY	9	12	33.3	Y	N	N
63416	JACKSONVILLE STATE UNIV	JACKSONVILLE	145	135	6.9-	Y	Y	Y
63418	JEFFERSON DAVIS STATE JC	BREWTON	7	2	71.4-	Y	Y	Y
63419	JEFFERSON STATE JR COLL	BIRMINGHAM	73	72	1.4-	Y	Y	N
63420	JOHN C CALHOUN STATE CC	DECATUR	12	12	0.0	Y	Y	Y
63422	JUDSON COLL	MARION	3	5	66.7	Y	Y	N
63443	LAWSON STATE CMTY COLL	BIRMINGHAM	0	0		Y	N	N
63423	LIVINGSTON UNIV	LIVINGSTON	16	13	18.8-	Y	Y	Y
63424	LURLEEN B WALLACE ST JC	ANDALUSIA	0	2	**	Y	N	N
63425	MARION MILITARY INST	MARION	N	3	**	Y	N	N
63426	MILES COLL	BIRMINGHAM	8	9	12.5	Y	Y	Y
63427	MOBILE COLL	MOBILE	13	18	38.5	Y	Y	Y
63429	MONTEVALLO, UNIV OF	MONTEVALLO	78	67	14.1-	Y	Y	N
63412	NORTH ALABAMA, UNIV OF	FLORENCE	13	14	7.7	Y	Y	Y
63430	NTHEST ALABAMA ST JR COLL	RAINSVILLE	0	0		Y	N	N
63431	NTHWST ALABAMA ST JR COLL	PHIL CAMPBELL	0	0		Y	N	N
63432	OAKWOOD COLL	HUNTSVILLE	111	104	6.3-	Y	N	N
63433	PATRICK HENRY STATE JC	MONROEVILLE	0	0		Y	N	N
63428	S D BISHOP STATE JR COLL	MOBILE	15	19	26.7	Y	N	N
63435	SAMFORD UNIV	BIRMINGHAM	11	14	27.3	Y	Y	Y
63457	SHELTON STATE CMTY COLL	TUSCALOOSA	12	2	83.3-	Y	Y	Y
63437	SOUTH ALABAMA, UNIV OF	MOBILE	349	403	15.5	Y	Y	Y
63454	SOUTHERN JR BUSINESS COLL	BIRMINGHAM	2	1	50.0-	Y	N	N
63439	SOUTHERN UNION ST JR COLL	WADLEY	5	4 E	20.0-	Y	Y	Y
63440	SPRING HILL COLL	MOBILE	27	27	0.0	Y	Y	Y
63441	STILLMAN COLL	TUSCALOOSA	28	17	39.3-	Y	Y	Y
63442	TALLADEGA COLL	TALLADEGA	4	5	25.0	Y	Y	Y
63444A	TROY STATE U DTHN/FT RCKR	DOTHAN	4	6	50.0	Y	Y	Y
63444	TROY STATE U MAIN CAMPUS	TROY	29	28	3.4-	Y	Y	Y
63444B	TROY STATE U MONTGOMERY	MONTGOMERY	1	1	0.0	Y	N	N
63445	TUSKEGEE UNIV	TUSKEGEE INST	221	233	5.4	Y	Y	N
63458	UNITED STATES SPORTS ACAD	DAPHNE	4	6	50.0	Y	Y	Y
63446	WALKER COLL	JASPER	1	0	100.0-	Y	N	N
	TOTAL ALABAMA		3,997	4,130	3.3			
	ALASKA							
94401I	ALASKA ANCHORAGE, UNIV OF	ANCHORAGE	50 E	69	38.0	Y	Y	Y
94401	ALASKA FAIRBANKS, UNIV OF	FAIRBANKS	140	145	3.6	Y	Y	N
94401H	ALASKA JUNEAU, UNIV OF	JUNEAU	5	8	60.0	Y	Y	Y
94400	ALASKA PACIFIC UNIV	ANCHORAGE	42	25	40.5-	Y	Y	Y
94401A	ANCHORAGE CMTY COLL	ANCHORAGE	18	20 E	11.1	Y	N	N
94401D	ISLANDS CMTY COLL	SITKA	0	0		Y	N	N

NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
94401E	KENAI PENINSULA CMTY COL	SOLDOTNA	3	3	0.0	Y	Y	Y
94401C	KETCHIKAN CMTY COLL	KETCHIKAN	2	0	100.0-	Y	N	N
94401F	KODIAK CMTY COLL	KODIAK	0	0		Y	N	N
94401J	KUSKOKWIM CMTY COLL	BETHEL	0	1	**	Y	N	N
94401G	MATNUSKA SUSTNA CMTY COL	PALMER	0	0		Y	N	N
94401K	NORTHWEST CMTY COLL	NOME	0	0		Y	N	N
94401M	PRINCE WM SOUND CMTY COLL	VALDEZ	0 F	0		Y	N	N
94402	SHELDON JACKSON COLL	SITKA	3	4	33.3	Y	Y	Y
94401L	TANANA VALLEY COLL	FAIRBANKS	1	1	0.0	Y	Y	Y
	TOTAL ALASKA		264	276	4.5			
	ARIZONA							
86425	AMERICN GRAD SCH INTL MGT	GLENDALE	297	279	6.1-	Y	N	N
86407	AMERICN INDIAN BIBLE COLL	PHOENIX	0	0		Y	N	N
86400	ARIZONA STATE UNIV	TEMPE	1,752	1,917	9.4	Y	Y	Y
86402	ARIZONA WESTERN COLL	YUMA	6	7	16.7	Y	Y	Y
86401	ARIZONA, UNIV OF	TUCSON	2,393	2,599	8.6	Y	Y	Y
86403	CENTRAL ARIZONA COLL	COOLIDGE	5	8	60.0	Y	Y	Y
86404	COCHISE COLL	DOUGLAS	49	44	10.2-	Y	Y	Y
86430	DEVRY INST OF TECHNOLOGY	PHOENIX	76	57	25.0-	Y	N	N
86405	EASTERN ARIZONA COLL	THATCHER	43	11	74.4-	Y	Y	Y
86410B	GATEWAY CMTY COLL	PHOENIX	4	46	050.0	Y	N	N
86410A	GLENDALE CMTY COLL	GLENDALE	55	82	49.1	Y	Y	Y
86406	GRAND CANYON COLL	PHOENIX	24	28	16.7	Y	Y	Y
86410C	MESA CMTY COLL	MESA	146	132 E	9.6-	Y	Y	N
86427	MOHAVE CMTY COLL	KINGMAN	1	1	0.0	Y	Y	Y
86420	NAVAJO CMTY COLL	TSAILE	1	1	0.0	Y	Y	Y
86421	NORTHERN ARIZONA UNIV	FLAGSTAFF	454	461	1.5	Y	Y	Y
86428	NORTHLAND PIONEER COLL	HOLBROOK	0	0		Y	N	N
86436	OTTAWA UNIV-PHOENIX CTR	PHOENIX		4 F	**	Y	Y	Y
86410D	PHOENIX COLL	PHOENIX	27	43	59.3	Y	Y	Y
86434	PHOENIX, UNIV OF	PHOENIX	0	3	**	Y	Y	Y
86422	PIMA CMTY COLL	TUCSON	527	552	4.7	Y	Y	Y
86432	PRESCOTT COLL	PRESCOTT	2	1	50.0-	Y	Y	Y
86410F	RIO SALADO COLL	PHOENIX	N	17 E	**	Y	Y	Y
86410E	SCOTTSDALE CMTY COLL	SCOTTSDALE	32	46	43.8	Y	N	N
86410G	SOUTH MOUNTAIN CMTY COLL	PHOENIX	17	26	52.9	Y	Y	Y
86435	WESTERN INTL UNIV	PHOENIX	89	163	83.1	Y	Y	Y
86426	YAVAPAI COLL	PRESCOTT	8	32	300.0	Y	Y	Y
	TOTAL ARIZONA		6,008	6,560	9.2			
	ARKANSAS							
71401	ARKANSAS BAPTIST COLL	LITTLE ROCK	0	0		Y	N	N
71402	ARKANSAS COLL	BATESVILLE	3	1	66.7-	Y	Y	Y
714069	ARKANSAS LITTLE ROCK,U OF	LITTLE ROCK	295	279	5.4-	Y	Y	Y
71406	ARKANSAS MAIN CAMPUS,U OF	FAYETTEVILLE	641	634	1.1-	Y	Y	Y
71406A	ARKANSAS MEDL SCIENCES, U	LITTLE ROCK	4	5	25.0	Y	Y	Y
71406C	ARKANSAS MONTICELLO, U OF	MONTICELLO	2	2	0.0	Y	Y	Y
71406D	ARKANSAS PINE BLUFF, U OF	PINE BLUFF	29 E	9	69.0-	Y	Y	Y
71405A	ARKANSAS STATE U BEEBE BR	BEEBE	0	2	**	Y	Y	Y
71405	ARKANSAS STATE U MAIN CAM	STATE UNIVERSTY	337	348	3.3	Y	Y	Y
71403	ARKANSAS TECH UNIV	RUSSELLVILLE	21	15	28.6-	Y	Y	Y
71404	CENTRAL ARKANSAS, UNIV OF	CONWAY	88	78	11.4-	Y	Y	N
71425	EAST ARKANSAS CMTY COLL	FORREST CITY	1	0	100.0-	Y	N	N
71421	GARLAND COUNTY CMTY COLL	HOT SPRINGS	3	3	0.0	Y	Y	Y
71408	HARDING UNIV	SEARCY	91	104	14.3	Y	Y	Y
71409	HENDERSON STATE UNIV	ARKADELPHIA	20	12	40.0-	Y	Y	Y
71410	HENDRIX COLL	CONWAY	5	8 E	60.0	Y	N	N
71411	JOHN BROWN UNIV	SILOAM SPRINGS	60	70	16.7	Y	Y	Y
71422	MISSISSIPPI CO CMTY COLL	BLYTHEVILLE	0	0		Y	N	N
71426	NORTH ARKANSAS CMTY COLL	HARRISON	4	7	75.0	Y	Y	Y
71413	OUACHITA BAPTIST UNIV	ARKADELPHIA	19	23	21.1	Y	Y	Y
71414	OZARKS, UNIV OF THE	CLARKSVILLE	100	96	4.0-	Y	Y	Y

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71415	PHILANDER SMITH COLL	LITTLE ROCK	60	60 L	0.0	Y	N	N
71416	PHILLIPS COUNTY CMTY COL	HELENA	0	0		Y	N	N
71417	SHORTER COLL	N LITTLE ROCK	8	13	62.5	Y	Y	Y
71419A	STHN ARKANSAS U EL DORAD	EL DORADO	0	0		Y	N	N
71419	STHN ARKANSAS U MAIN CAM	MAGNOLIA	17	23	35.3	Y	Y	Y
71424	STHN ARKANSAS U TECH BR	CAMDEN	1	0	100.0-	Y	N	N
71418	STHN BAPTIST COLL	WALNUT RIDGE	5	3	40.0-	Y	Y	Y
71420	WESTARK CMTY COLL	FORT SMITH	32	23	28.1-	Y	Y	Y
	TOTAL ARKANSAS		1,846	1,818	1.5-			
	CALIFORNIA							
93402	ACAD OF ART COLL	SAN FRANCISCO	250 E	375 E	50.0	Y	N	N
93590A	ALAMEDA, COLL OF	ALAMEDA	150	60	60.0-	Y	N	N
93401	ALLAN HANCOCK COLL	SANTA MARIA	37	31	16.2-	Y	Y	Y
93707	AMERICAN ACAD DRAMTC ARTS	PASADENA	20	21	5.0	Y	Y	Y
93716	AMERICAN CONSERV THEATRE	SAN FRANCISCO	2	2	0.0	Y	N	N
93542A	AMERICAN RIVER COLL	SACRAMENTO	70	51	27.1-	Y	Y	Y
93406	ANTELOPE VALLEY COLL	LANCASTER	19	18	5.3-	Y	Y	Y
93407	ARMSTRONG UNIV	BERKELEY	271	263	3.0-	Y	Y	Y
93408	ART CENTER COLL OF DESIGN	PASADENA	124	174	40.3	Y	Y	Y
93410	AZUSA PACIFIC UNIV	AZUSA	254 E	259 E	2.0	Y	Y	Y
93411	BAKERSFIELD COLL	BAKERSFIELD	49	46	6.1-	Y	Y	N
93412	BARSTOW COLL	BARSTOW	7	9	28.6	Y	Y	Y
93413	BETHANY BIBLE COLL	SANTA CRUZ	7	3	57.1-	Y	N	N
93414	BIOLA UNIV	LA MIRADA	125	119	4.8-	Y	Y	Y
93695	BROOKS COLL	LONG BEACH	39	42	7.7	Y	N	N
93415	BROOKS INST SANTA BARBARA	SANTA BARBARA	118	100 E	15.3-	Y	N	N
93416	BUTTE COLL	OROVILLE	70	110	57.1	Y	N	N
93417	CABRILLO COLL	APTOS	71	77	8.5	Y	Y	Y
93419	CAL BAPTIST COLL	RIVERSIDE	76	55	27.6-	Y	Y	N
93440	CAL BERKELEY, UNIV OF	BERKELEY	2,080	2,187	5.1	Y	Y	N
93421	CAL COLL ARTS & CRAFTS	OAKLAND	136	99	27.2-	Y	Y	Y
93422	CAL COLL PODIATRIC MED	SAN FRANCISCO	7	7	0.0	Y	Y	Y
93440A	CAL DAVIS, UNIV OF	DAVIS	1,005	1,010	0.5	Y	Y	N
93728	CAL FAMILY STUDY CTR	NORTH HOLLYWOOD	9	1	88.9-	Y	Y	Y
93700	CAL INST INTEGRAL STUDIES	SAN FRANCISCO	10 E	10 L	0.0	Y	N	N
93426	CAL INST OF ARTS	VALENCIA	59	70	18.6	Y	Y	Y
93425	CAL INST OF TECHNOLOGY	PASADENA	391	390	0.3-	Y	Y	Y
93440D	CAL IRVINE, UNIV OF	IRVINE	671	763	13.7	Y	Y	N
93440F	CAL LOS ANGELES, UNIV OF	LOS ANGELES	2,506	2,765	10.3	Y	Y	N
93427	CAL LUTHERAN UNIV	THOUSAND OAKS	80	95	18.8	Y	N	N
93428	CAL MARITIME ACAD	VALLEJO	22	13	40.9-	Y	Y	Y
93430B	CAL POLY ST U SAN LUIS OB	SAN LUIS OBISPO	191	156 E	18.3-	Y	Y	N
93440H	CAL RIVERSIDE, UNIV OF	RIVERSIDE	259 E	271	4.6	Y	Y	Y
93440I	CAL SAN DIEGO, UNIV OF	LA JOLLA	869 E	932 E	7.2	Y	Y	Y
93440L	CAL SAN FRANCISCO, U OF	SAN FRANCISCO	544	736	35.3	Y	N	N
93440M	CAL SANTA BARBARA, U OF	SANTA BARBARA	600	560	6.7-	Y	Y	Y
93440N	CAL SANTA CRUZ, UNIV OF	SANTA CRUZ	183	187 E	2.2	Y	Y	Y
93429B	CAL SCH PROF PSYCH	SAN DIEGO	12	12	0.0	Y	Y	Y
93429A	CAL SCH PROF PSYCH BRKLEY	SAN FRANCISCO	11	11 E	0.0	Y	Y	Y
93429C	CAL SCH PROF PSYCH FRESNO	FRESNO	3	6	100.0	Y	Y	Y
93429	CAL SCH PROF PSYCH L A	LOS ANGELES	6	11	83.3	Y	Y	Y
93430C	CAL STATE C BAKERSFIELD	BAKERSFIELD	155	141	9.0-	Y	N	N
93430A	CAL STATE POLY U POMONA	POMONA	406	400 E	1.5-	Y	N	N
93430E	CAL STATE U CHICO	CHICO	426	478	12.2	Y	Y	Y
93430D	CAL STATE U DOMINGUEZ HLS	CARSON	231	218	5.6-	Y	Y	Y
93430F	CAL STATE U FRESNO	FRESNO	1,015	998	1.7-	Y	Y	Y
93430G	CAL STATE U FULLERTON	FULLERTON	364	574	57.7	Y	Y	N
93430H	CAL STATE U HAYWARD	HAYWARD	324	308	4.9-	Y	Y	N
93430I	CAL STATE U LONG BEACH	LONG BEACH	1,726	1,751 E	1.4	Y	Y	Y
93430J	CAL STATE U LOS ANGELES	LOS ANGELES	1,105	1,303	17.9	Y	Y	Y
93430N	CAL STATE U NORTHRIDGE	NORTHRIDGE	515 E	528	2.5	Y	Y	Y
93430K	CAL STATE U SACRAMENTO	SACRAMENTO	555	575	3.6	Y	Y	N
93430L	CAL STATE U SAN BERNRDINO	SAN BERNARDINO	179 E	196	9.5	Y	Y	Y
93430Q	CAL STATE U STANISLAUS	TURLOCK	149	137	8.1-	Y	Y	Y

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93627A	CANADA COLL	REDWOOD CITY	139	160	15.1	Y N N
93450	CANYONS, COLL OF THE	VALENCIA	24	25	4.2	Y N N
93453	CERRITOS CMTY COLL	NORWALK	102	116	13.7	Y Y N
93690	CERRO COSO CMTY COLL	RIDGECREST	1	0	100.0-	Y N N
93454	CHABOT COLL	HAYWARD	61	76	24.6	Y Y Y
93455	CHAFFEY CMTY COLL	ALTA LOMA	280 E	881	214.6	Y Y Y
93456	CHAPMAN COLL	ORANGE	307	317	3.3	Y Y Y
93709	CHRIST COLL IRVINE	IRVINE	14	19	35.7	Y Y Y
93699	CHRISTIAN HERITAGE COLL	EL CAJON	7 E	10	42.9	Y Y Y
93457	CHURCH DIV SCH OF PACIFIC	BERKELEY	6	5	16.7-	Y Y Y
93458	CITRUS COLL	AZUSA	278	250 E	10.1-	Y N N
93459	CITY COLL SAN FRANCISCO	SAN FRANCISCO	409	471	15.2	Y Y Y
93470	CLAREMONT GRADUATE SCH	CLAREMONT	166	139	16.3-	Y Y Y
93470A	CLAREMONT MCKENNA COLL	CLAREMONT	29	25	13.8-	Y Y Y
93556C	COASTLINE CMTY COLL	FOUNTAIN VALLEY	86	100	16.3	Y Y Y
93480	COGSWELL COLL	CUPERTINO	29	18	37.9-	Y Y Y
93481	COLUMBIA COLL	COLUMBIA	0	4	**	Y Y Y
93482	COMPTON CMTY COLL	COMPTON	130	104	20.0-	Y N N
93483A	CONTRA COSTA COLL	SAN PABLO	35	41	17.1	Y Y Y
93542B	COSUMNES RIVER COLL	SACRAMENTO	49	62 E	26.5	Y Y Y
93686	CRAFTON HILLS COLL	YUCAIPA	9	16	77.8	Y Y Y
93484	CUESTA COLL	SAN LUIS OBISPO	47	46	2.1-	Y N N
93724	CUYAMACA COLL	EL CAJON	7	13	85.7	Y Y Y
93465	CYPRESS COLL	CYPRESS	33	42	27.3	Y Y Y
93669	D-Q UNIV	DAVIS	0	0		Y N N
93492A	DE ANZA COLL	CUPERTINO	149	163	9.4	Y Y N
93730	DEEP SPRINGS COLL	VIA DYER NV	0	1	**	Y Y Y
93488	DESERT, COLL OF THE	PALM DESERT	51	48	5.9-	Y N N
93703	DEVELOPMENTL STUDIES, COLL	LOS ANGELES	0	0		Y N N
93664	DEVRY INST OF TECHNOLOGY	INDUSTRY CITY	10 F	48	380.0	Y N N
93483B	DIABLO VALLEY COLL	PLEASANT HILL	81 E	75 E	7.4-	Y N N
93489	DOMINICAN COLL SAN RAFAEL	SAN RAFAEL	50	49	2.0-	Y Y Y
93610	DOMINICAN SCH PHIL & THEO	BERKELEY	4	4	0.0	Y Y Y
93694	DON BOSCO TECHNICAL INST	ROSEMEAD	0	0		Y N N
93530A	EAST LOS ANGELES COLL	MONTEREY PARK	192	232	20.8	Y Y N
93490	EL CAMINO COLL	TORRANCE	158	140	11.4-	Y Y N
93704	EVERGREEN VALLEY COLL	SAN JOSE	33	27	18.2-	Y Y Y
93710	FASHION INST DSGN MERCH	LOS ANGELES	160	194	21.3	Y Y Y
93590B	FEATHER RIVER COLL	QUINCY	0	1	**	Y Y N
93711	FIELDING INST	SANTA BARBARA	18	13	27.8-	Y Y Y
93492B	FOOTHILL COLL	LOS ALTOS HILLS	180	197	9.4	Y Y Y
93675	FRANCISCAN SCH THEOLOGY	BERKELEY	17	15	11.8-	Y Y Y
93647A	FRESNO CITY COLL	FRESNO	124	146	17.7	Y Y N
93569	FRESNO PACIFIC COLL	FRESNO	55	39	29.1-	Y Y Y
93493	FULLER THEOLOGICAL SEM	PASADENA	205	232	13.2	Y N N
93494	FULLERTON COLL	FULLERTON	27	26	3.7-	Y Y Y
93495	GAVILAN COLL	GILROY	33	25	24.2-	Y Y Y
93496	GLENDALE CMTY COLL	GLENDALE	241	240	0.4-	Y Y Y
93497	GOLDEN GATE BAPT THEO SEM	MILL VALLEY	30	33	10.0	Y Y Y
93498	GOLDEN GATE UNIV	SAN FRANCISCO	584	550	5.8-	Y Y Y
93566A	GOLDEN WEST COLL	HUNTINGTN BEACH	45	43	4.4-	Y Y Y
93499	GRADUATE THEOL UNION	BERKELEY	30	23	23.3-	Y Y Y
93500	GROSSMONT COLL	EL CAJON	163	184	12.9	Y Y N
93501	HARTNELL COLL	SALINAS	23	32	39.1	Y Y N
93470B	HARVEY MUDD COLL	CLAREMONT	11	9	18.2-	Y Y Y
93734	HEALD BUS COLL-SAN FRAN	SAN FRANCISCO	76	83	9.2	Y Y N
93738	HEALD BUSINESS COLL	ROHNERT PARK	0 F	0		Y N N
93502	HEALD COLL TECH DIVISION	SAN FRANCISCO	24	22	8.3-	Y Y Y
93741	HEALD COLL-HAYWARD	HAYWARD	0 F	2	**	Y Y Y
93732	HEALD COLL-MARTINEZ	MARTINEZ	17	17 L	0.0	Y N N
93742	HEALD COLL-OAKLAND	OAKLAND	5 F	5	0.0	Y N N
93733	HEALD COLL-SACRAMENTO	SACRAMENTO	0	2	**	Y Y N
93736	HEALD COLL-WALNUT CREEK	WALNUT CREEK	0	4	**	Y N N
93731	HEALD FOUR C'S COLL	FRESNO	12 E	10	16.7-	Y N N
93735	HEALD INST OF TECHNOLOGY	SAN JOSE	64	10 E	84.4-	Y Y Y
93503	HEBREW UNION C CAL BRANCH	LOS ANGELES	6	1	83.3-	Y Y Y
93504	HOLY NAMES COLL	OAKLAND	105	105	0.0	Y N N

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93430R	HUMBOLDT STATE UNIV	ARCATA	138	66	52.2-	Y	Y	Y
93506	HUMPHREYS COLL	STOCKTON	4	3	25.0-	Y	Y	Y
93508	IMPERIAL VALLEY COLL	IMPERIAL	34	31	8.8-	Y	Y	Y
93665	IRVINE VALLEY COLL	IRVINE	0 F	0		Y	N	N
93509	JESUIT SCH OF THEOLOGY	BERKELEY	29	31	6.9	Y	Y	Y
93510	JOHN F KENNEDY UNIV	ORINDA	76	85 E	11.8	Y	N	N
93511	JUDAISM, UNIV OF	LOS ANGELES	15	11	26.7-	Y	Y	Y
93647B	KINGS RIVER CMTY COLL	REEDLEY	7	6	14.3-	Y	Y	Y
93514	LA VERNE, UNIV OF	LA VERNE	209	203	2.9-	Y	Y	Y
93676	LAKE TAHOE CMTY COLL	SO LAKE TAHOE	0	0		Y	N	N
93590D	LANEY COLL	OAKLAND	52	42	19.2-	Y	Y	Y
93515	LASSEN COLL	SUSANVILLE	51	98	92.2	Y	N	N
93516	LINCOLN UNIV	SAN FRANCISCO	255	226	11.4-	Y	Y	Y
93518B	LOMA LINDA U-LA SIERRA	RIVERSIDE	277	240 E	13.4-	Y	N	N
93518	LOMA LINDA UNIV	LOMA LINDA	205	209	2.0	Y	Y	N
93520	LONG BEACH CITY COLL	LONG BEACH	31	39	25.8	Y	Y	Y
93530B	LOS ANG CITY COLL	LOS ANGELES	546	622	13.9	Y	N	N
93530C	LOS ANG HARBOR COLL	WILMINGTON	85 B	77	9.4-	Y	Y	Y
93530I	LOS ANG MISSION COLL	SAN FERNANDO	5	0	100.0-	Y	N	N
93530D	LOS ANG PIERCE COLL	WOODLAND HILLS	247	283	14.6	Y	Y	Y
93530E	LOS ANG SOUTHWEST COLL	LOS ANGELES	18	17	5.6-	Y	Y	Y
93530F	LOS ANG TRADE-TECH COLL	LOS ANGELES	64	64 L	0.0	Y	N	N
93530G	LOS ANG VALLEY COLL	VAN NUYS	133	147	10.5	Y	Y	Y
93483C	LOS MEDANOS COLL	PITTSBURG	0	3 E	**	Y	N	N
93543	LOYOLA MARYMOUNT UNIV	LOS ANGELES	355	249	29.9-	Y	Y	N
93544	MARIN CMTY COLL	KENTFIELD	98	103	5.1	Y	Y	Y
93692	MARYMNT PALOS VERDES COLL	RANCH PLS VERDS	121	126 E	4.1	Y	N	N
93521	MASTER'S COLL, THE	NEWHALL	4	14	250.0	Y	Y	Y
93698	MENDOCINO COLL	UKIAH	3 E	0	100.0-	Y	N	N
93546	MENLO COLL	ATHERTON	104	87 E	16.3-	Y	Y	Y
93691	MENNONITE BRTHRN BIB SEM	FRESNO	60	58	3.3-	Y	Y	Y
93547	MERCED COLL	MERCED	84	67	20.2-	Y	Y	Y
93590E	MERRITT COLL	OAKLAND	84 E	104 E	23.8	Y	Y	N
93548	MILLS COLL	OAKLAND	59	82	39.0	Y	Y	Y
93549	MIRA COSTA COLL	OCEANSIDE	9	7	22.2-	Y	Y	Y
93656A	MISSION COLL	SANTA CLARA	27	31	14.8	Y	Y	Y
93550	MODESTO JR COLL	MODESTO	46	51	10.9	Y	Y	N
93551	MONTEREY INST INTL STDIES	MONTEREY	106	120	13.2	Y	Y	Y
93552	MONTEREY PENINSULA COLL	MONTEREY	286	202	29.4-	Y	N	N
93554	MOORPARK COLL	MOORPARK	27	12	55.6-	Y	Y	Y
93556	MT SAN ANTONIO COLL	WALNUT	175	235	34.3	Y	N	N
93557	MT SAN JACINTO COLL	SAN JACINTO	5	8	60.0	Y	Y	Y
93555	MT ST MARY'S COLL	LOS ANGELES	14	21	50.0	Y	Y	Y
93559	NAPA VALLEY COLL	NAPA	33	39	18.2	Y	Y	Y
93696	NATIONAL UNIV	SAN DIEGO	321	357	11.2	Y	Y	Y
93560	NAVAL POSTGRAD SCH	MONTEREY	273	274	0.4	Y	Y	Y
93561	NEW COLL OF CALIFORNIA	SAN FRANCISCO	14	14 L	0.0	Y	N	N
93562	NORTHROP UNIV	LOS ANGELES	756 E	783 E	3.6	Y	Y	Y
93563	NOTRE DAME, COLL OF	BELMONT	158	157	0.6-	Y	Y	Y
93564	OCCIDENTAL COLL	LOS ANGELES	69	70	1.4	Y	N	N
93565	OHLONE COLL	FREMONT	95	87	8.4-	Y	N	N
93566B	ORANGE COAST COLL	COSTA MESA	66	84	27.3	Y	Y	N
93567	OTIS ART INST OF PARSONS	LOS ANGELES	100 E	65	35.0-	Y	Y	Y
93678	OXNARD COLL	OXNARD	12	21	75.0	Y	Y	Y
93568	PACIFIC CHRISTIAN COLL	FULLERTON	10	10	0.0	Y	Y	Y
93725	PACIFIC GRAD SCH PSYCH	MENLO PARK	1	2	100.0	Y	Y	Y
93571	PACIFIC OAKS COLL	PASADENA	5	N		N	N	N
93572	PACIFIC SCH OF RELIGION	BERKELEY	19	18	5.3-	Y	Y	Y
93574	PACIFIC UNION COLL	ANGWIN	104	114 E	9.6	Y	Y	Y
93575	PACIFIC, UNIV OF THE	STOCKTON	405	317	21.7-	Y	Y	Y
93576	PALO VERDE COLL	BLYTHE	4	2	50.0-	Y	Y	Y
93577	PALOMAR CMTY COLL	SAN MARCOS	90	83	7.8-	Y	Y	Y
93578	PASADENA CITY COLL	PASADENA	444	436	1.8-	Y	N	N
93683	PATTEN COLL	OAKLAND	7	9	28.6	Y	Y	Y
93581A	PEPPERDINE UNIV	MALIBU	650 E	570 E	12.3-	Y	Y	N
93470C	PITZER COLL	CLAREMONT	27	18	33.3-	Y	Y	Y
93579	POINT LOMA NAZARENE COLL	SAN DIEGO	85	105	23.5	Y	Y	Y

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NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
93470D	POMONA COLL	CLAREMONT	28	28	0.0	Y	Y	Y
93600	PORTERVILLE COLL	PORTERVILLE	2	2	0.0	Y	Y	Y
93601	QUEEN OF HOLY ROSARY COLL	SAN JOSE		0 F		Y	N	N
93628	RANCHO SANTIAGO COLL	SANTA ANA	284	256	9.9-	Y	Y	Y
93603	RAND GRAD SCH	SANTA MONICA	12	9	25.0-	Y	Y	Y
93604	REDLANDS, UNIV OF	REDLANDS	53	43 E	18.9-	Y	N	N
93605	REDWOODS, COLL OF THE	EUREKA	34	24	29.4-	Y	N	N
93606	RIO HONDO COLL	WHITTIER	176	148	15.9-	Y	Y	N
93607	RIVERSIDE CMTY COLL	RIVERSIDE	66	64	3.0-	Y	Y	Y
93542C	SACRAMENTO CITY COLL	SACRAMENTO	362	348	3.9-	Y	Y	N
93609	SADDLEBACK COLL	MISSION VIEJO	187	208	11.2	Y	N	N
93616	SAN BERNARDINO VLY COLL	SAN BERNARDINO	63	62 E	1.6-	Y	N	N
93617A	SAN DIEGO CITY COLL	SAN DIEGO	135	196	45.2	Y	Y	Y
93617C	SAN DIEGO MESA COLL	SAN DIEGO	81	96	18.5	Y	Y	Y
93617D	SAN DIEGO MIRAMAR COLL	SAN DIEGO	0	4	**	Y	Y	Y
93618A	SAN DIEGO SCH OF LAW,U OF	SAN DIEGO	25	26	4.0	Y	N	N
93430M	SAN DIEGO STATE UNIV	SAN DIEGO	638	643	0.8	Y	Y	Y
93618	SAN DIEGO, UNIV OF	SAN DIEGO	147	151	2.7	Y	Y	N
93620	SAN FRANCISCO ART INST	SAN FRANCISCO	65	84	29.2	Y	N	N
93726	SAN FRANCISCO C MORTUARY	SAN FRANCISCO	1	1	0.0	Y	Y	Y
93621	SAN FRANCISCO CONSV MUSIC	SAN FRANCISCO	27	32	18.5	Y	Y	Y
934300	SAN FRANCISCO STATE UNIV	SAN FRANCISCO	1,381	1,295 E	6.2-	Y	N	N
93622	SAN FRANCISCO THEOL SEM	SAN ANSELMO	155	169	9.0	Y	Y	Y
93623	SAN FRANCISCO, UNIV OF	SAN FRANCISCO	943	885	6.2-	Y	Y	Y
93624	SAN JOAQUIN DELTA COLL	STOCKTON	103	124	20.4	Y	Y	Y
93626	SAN JOSE CITY COLL	SAN JOSE	68	63	7.4-	Y	Y	Y
93430P	SAN JOSE STATE UNIV	SAN JOSE	855 E	910 E	6.4	Y	Y	N
93627B	SAN MATEO, COLL OF	SAN MATEO	140	158	12.9	Y	Y	Y
93629	SANTA BARBARA CITY COLL	SANTA BARBARA	127	137	7.9	Y	Y	Y
93630	SANTA CLARA UNIV	SANTA CLARA	389	398	2.3	Y	Y	Y
93631	SANTA MONICA COLL	SANTA MONICA	639	800	25.2	Y	Y	Y
93632	SANTA ROSA JR COLL	SANTA ROSA	197	252	27.9	Y	Y	Y
93722	SAYBROOK INST	SAN FRANCISCO	6	7	16.7	Y	Y	Y
93470E	SCRIPPS COLL	CLAREMONT	16	15	6.3-	Y	Y	Y
93634	SEQUOIAS, COLL OF THE	VISALIA	32	42	31.3	Y	Y	Y
93635	SHASTA COLL	REDDING	5	N		N	N	N
93636	SIERRA COLL	ROCKLIN	12	12	0.0	Y	Y	Y
93637	SIMPSON COLL	SAN FRANCISCO	40	27	32.5-	Y	Y	Y
93638	SISKIYOUS, COLL OF THE	WEED	53	39 E	26.4-	Y	N	N
93627C	SKYLINE COLL	SAN BRUNO	104	119	14.4	Y	Y	Y
93639	SOLANO CMTY COLL	SUISUN CITY	34	23 E	32.4-	Y	Y	N
93430S	SONOMA STATE UNIV	ROHNERT PARK	197	171	13.2-	Y	Y	Y
93643	SOUTHWESTERN COLL	CHULA VISTA	135 E	149	10.4	Y	Y	N
93611	ST JOHN'S SEM COLL	CAMARILLO	0	0		Y	N	N
93614	ST JOSEPH'S COLL	MOUNTAIN VIEW	17	12	29.4-	Y	Y	N
93613	ST MARY'S COLL OF CAL	MORAGA	108	92	14.8-	Y	Y	Y
93589	ST PATRICK'S SEM	MENLO PARK	8	12	50.0	Y	Y	Y
93646	STANFORD UNIV	STANFORD	2,187	1,976	9.6-	Y	Y	N
93640	STHN CAL COLL	COSTA MESA	32	42	31.3	Y	Y	Y
93522	STHN CAL COLL OPTOMETRY	FULLERTON	4	6	50.0	Y	Y	Y
93642	STHN CAL, UNIV OF	LOS ANGELES	3,746	3,767	0.6	Y	Y	N
93649	TAFT COLL	TAFT	7	5	28.6-	Y	Y	Y
93641	THEO AT CLAREMONT, SCH OF	CLAREMONT	17	26	52.9	Y	Y	N
93740	THOMAS AQUINAS COLL	SANTA PAULA	17	25	47.1	Y	Y	Y
93650	US INTERNATIONAL UNIV	SAN DIEGO	604	504	16.6-	Y	Y	Y
93652	VENTURA COLL	VENTURA	12	12	0.0	Y	N	N
93653	VICTOR VALLEY COLL	VICTORVILLE	10	9	10.0-	Y	Y	Y
93590F	VISTA COLL	BERKELEY	0	0		Y	N	N
93654A	W COAST U ORANGE CO CTR	ORANGE	43	47	9.3	Y	Y	Y
93587	WEST COAST CHRISTIAN COLL	FRESNO	35	20	42.9-	Y	Y	Y
93654	WEST COAST U MAIN CAMPUS	LOS ANGELES	198	215	8.6	Y	Y	Y
93655	WEST HILLS COLL	COALINGA	4	18	350.0	Y	N	N
93530H	WEST LOS ANGELES COLL	CULVER CITY	125	277	121.6	Y	N	N
93705	WEST LOS ANGELES, UNIV OF	LOS ANGELES	1	2	100.0	Y	Y	Y
93656	WEST VALLEY COLL	SARATOGA	116	117	0.9	Y	Y	Y
93666	WESTMINSTER THEOL SEM	ESCONDIDO	9 F	8	11.1-	Y	Y	Y
93658	WESTMONT COLL	SANTA BARBARA	13	9	30.8-	Y	Y	Y

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93660	WHITTIER COLL	WHITTIER	100 E	85 E	15.0-	Y	Y	Y
93661	WOODBURY UNIV	BURBANK	230	217	5.7-	Y	Y	Y
93715	WORLD COLL WEST	PETALUMA	15	16	6.7	Y	Y	Y
93662	WRIGHT INST	BERKELEY	6	5	16.7-	Y	Y	Y
93706A	WSTN ST UNIV C LAW ORANGE	FULLERTON	8	5	37.5-	Y	Y	Y
93706B	WSTN ST UNIV C LAW SN DGO	SAN DIEGO	1	0	100.0-	Y	N	N
93663	YUBA COLL	MARYSVILLE	8	29	262.5	Y	Y	Y
	TOTAL CALIFORNIA		47,388	49,197	3.8			
	COLORADO							
84400	ADAMS STATE COLL	ALAMOSA	9	7	22.2-	Y	Y	Y
84401	AIMS CMTY COLL	GREELEY	28	21	25.0-	Y	Y	Y
84402	ARAPAHOE CMTY COLL	LITTLETON	153	132	13.7-	Y	Y	Y
84410	AURORA, CMTY COLL OF	AURORA	4	6	50.0	Y	Y	Y
84445	BLAIR JR COLL	COLO SPRINGS	1	0	100.0-	Y	N	N
84407	COLORADO BOULDER, UNIV OF	BOULDER	808	898	11.1	Y	Y	Y
84425	COLORADO CHRISTIAN COLL	LAKEWOOD	6	6	0.0	Y	Y	Y
84403	COLORADO COLL	COLO SPRINGS	45	44	2.2-	Y	Y	Y
84407B	COLORADO COLO SPRNG, U OF	COLO SPRINGS	28	31	10.7	Y	Y	N
84407C	COLORADO DENVER, UNIV OF	DENVER	103	202	96.1	Y	Y	N
84407A	COLORADO HLTH SCI CTR, U	DENVER	18	24	33.3	Y	Y	Y
84404A	COLORADO MTN C TIMBERLINE	LEADVILLE	1	2	100.0	Y	Y	Y
84404B	COLORADO MTN COLL SPG VLY	GLENWOOD SPRNGS	N	8	**	Y	N	N
84434	COLORADO NORTHWESTERN CC	RANGELY	3	1	66.7-	Y	Y	Y
84405	COLORADO SCH OF MINES	GOLDEN	363	310 E	14.6-	Y	N	N
84406	COLORADO STATE UNIV	FORT COLLINS	850	907	6.7	Y	Y	Y
84437	COLORADO TECHNICAL COLL	COLO SPRINGS	45	40	11.1-	Y	Y	Y
84409A	DENVER AURARIA CAM, CC OF	DENVER	110	257	133.6	Y	Y	N
84408	DENVER CONSV BAPTIST SEM	DENVER	17	18 E	5.9	Y	N	N
84411	DENVER, UNIV OF	DENVER	818 E	554	32.3-	Y	Y	Y
84413	FORT LEWIS COLL	DURANGO	51	57	11.8	Y	Y	N
84409B	FRONT RANGE CMTY COLL	WESTMINSTER	22	30	36.4	Y	Y	Y
84414	ILIFF SCH OF THEOLOGY	DENVER	10	13	30.0	Y	Y	Y
84416	LAMAR CMTY COLL	LAMAR	0	3	**	Y	Y	Y
84417	LORETTO HEIGHTS COLL	DENVER	12	7	41.7-	Y	Y	Y
84418	MESA COLL	GRAND JUNCTION	45	100 E	122.2	Y	N	N
84419	METROPOLITAN STATE COLL	DENVER	65	167	156.9	Y	Y	N
84433	MORGAN CMTY COLL	FORT MORGAN	3	1	66.7-	Y	Y	Y
84444	NAROPA INST	BOULDER	21	28	33.3	Y	N	N
84420	NATL TECHNOLOGICAL UNIV	FORT COLLINS	14 F	0	100.0-	Y	N	N
84421	NORTHEASTERN JR COLL	STERLING	N	2	**	Y	Y	N
84422	NORTHERN COLORADO, U OF	GREELEY	130 E	157	20.8	Y	Y	N
84423	OTERO JR COLL	LA JUNTA	3	3	0.0	Y	Y	Y
84442	PARKS JR COLL	DENVER	5	2	60.0-	Y	Y	Y
84412	PIKES PEAK CMTY COLL	COLO SPRINGS	16	18	12.5	Y	N	N
84443	PUEBLO CMTY COLL	PUEBLO	4	11	175.0	Y	Y	Y
84409C	RED ROCKS CMTY COLL	GOLDEN	63	95	50.8	Y	N	N
84424	REGIS COLL	DENVER	21	25	19.0	Y	Y	Y
84428	SOUTHERN COLORADO, U OF	PUEBLO	199	158	20.6-	Y	Y	Y
84427	ST THOMAS THEOL SEM	DENVER	2	0	100.0-	Y	N	N
84430	TRINIDAD STATE JR COLL	TRINIDAD	48	44	8.3-	Y	Y	Y
84431	US AIR FORCE ACADEMY	COLO SPRINGS	21	31	47.6	Y	Y	Y
84432	WESTERN ST COLL COLORADO	GUNNISON	19	19	0.0	Y	Y	Y
	TOTAL COLORADO		4,184	4,439	6.1			
	CONNECTICUT							
16430	ALBERTUS MAGNUS COLL	NEW HAVEN	9	15 E	66.7	Y	N	N
16464	ASNUNTUCK CMTY COLL	ENFIELD	2	0	100.0-	Y	N	N
16469	BRIARWOOD COLL	SOUTHINGTON	0	0		Y	N	N
16402	BRIDGEPORT ENGR INST	BRIDGEPORT	3	5	66.7	Y	Y	Y
16403	BRIDGEPORT, UNIV OF	BRIDGEPORT	560	561	0.2	Y	Y	Y
16404	CENTRAL CONN STATE UNIV	NEW BRITAIN	172	181	5.2	Y	Y	Y
16470	CHARTER OAK COLL	FARMINGTON	0	0		Y	N	N

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16406	CONN COLL	NEW LONDON	91		90		1.1-	Y	N	N
16410	CONN, UNIV OF	STORRS	644	E	650	E	0.9	Y	N	N
16420	EASTERN CONN STATE UNIV	WILLIMANTIC	16		27		68.8	Y	Y	Y
16421	FAIRFIELD UNIV	FAIRFIELD	47		48		2.1	Y	Y	Y
16422	GREATER HARTFORD CC	HARTFORD	25	E	36		44.0	Y	Y	Y
16468	GREATR NEW HAVN ST TECH C	NORTH HAVEN	0		3		**	Y	Y	Y
16423	HARTFORD COLL FOR WOMEN	HARTFORD	11		20		81.8	Y	Y	Y
16446	HARTFORD GRADUATE CENTER	HARTFORD	7		6		14.3-	Y	Y	N
16424	HARTFORD SEM	HARTFORD	0		0			Y	N	N
16425	HARTFORD STATE TECH COLL	HARTFORD	4		3		25.0-	Y	Y	Y
16426	HARTFORD, UNIV OF	WEST HARTFORD	507		481		5.1-	Y	Y	N
16427	HOLY APOSTLES COLL	CROMWELL	4		3	E	25.0-	Y	N	N
16429	HOUSATONIC REGIONAL CC	BRIDGEPORT	31		35		12.9	Y	Y	Y
16432	MANCHESTER CMTY COLL	MANCHESTER	10		20		100.0	Y	N	N
16434	MATTATUCK CMTY COLL	WATERBURY	18		23		27.8	Y	Y	Y
16435	MIDDLESEX CMTY COLL	MIDDLETOWN	28		22		21.4-	Y	Y	Y
16436	MITCHELL COLL	NEW LONDON	33		39		18.2	Y	N	N
16462	MOHEGAN CMTY COLL	NORWICH	0		5		**	Y	Y	N
16440	NEW HAVEN, UNIV OF	WEST HAVEN	435	E	329		24.4-	Y	Y	N
16442	NORWALK CMTY COLL	NORWALK	17		22		29.4	Y	Y	Y
16443	NORWALK STATE TECH COLL	NORWALK	3		1		66.7-	Y	Y	Y
16441	NTHWSTN CONN CMTY COLL	WINSTED	2		4		100.0	Y	Y	Y
16444	POST COLL	WATERBURY	3		16		433.3	Y	Y	Y
16465	QUINEBAUG VLY CMTY COLL	DANIELSON	0		18		**	Y	Y	Y
16445	QUINNIPIAC COLL	HAMDEN	6		5		16.7-	Y	Y	Y
16447	SACRED HEART UNIV	BRIDGEPORT	58		71	E	22.4	Y	Y	Y
16453	SOUTH CENTRAL CMTY COLL	NEW HAVEN	33		27		18.2-	Y	Y	Y
16454	SOUTHERN CONN STATE UNIV	NEW HAVEN	100		126		26.0	Y	N	N
16448	ST ALPHONSUS COLL	SUFFIELD	1		3		200.0	Y	Y	Y
16450	ST JOSEPH COLL	WEST HARTFORD	1		5		400.0	Y	Y	Y
16455	THAMES VLY STATE TECH C	NORWICH	1		1		0.0	Y	Y	Y
16456	TRINITY COLL	HARTFORD	19		24		26.3	Y	Y	Y
16463	TUNXIS CMTY COLL	FARMINGTON	12	E	23	E	91.7	Y	N	N
16457	US COAST GUARD ACAD	NEW LONDON	8		8		0.0	Y	Y	Y
16466	WATERBURY ST TECH COLL	WATERBURY	4		7		75.0	Y	Y	Y
16458	WESLEYAN UNIV	MIDDLETOWN	90	E	90	E	0.0	Y	Y	N
16459	WESTERN CONN STATE UNIV	DANBURY	47		40	E	14.9-	Y	N	N
16460	YALE UNIV	NEW HAVEN	875	E	917	E	4.8	Y	Y	N
	TOTAL CONNECTICUT		3,937		4,010		1.9			

DELAWARE

NRC	INSTITUTION	CITY	1986/87 TOTAL		1987/88 TOTAL		% CHANGE	RESPONSE S1	S2	S3
51403C	DEL TECH & CC STAN/WLMGTN	WILMINGTON	38		41		7.9	Y	Y	Y
51403B	DEL TECH & CC STHN CAM	GEORGETOWN	12	E	7	E	41.7-	Y	N	N
51403	DEL TECH & CC TERRY CAM	DOVER	6		5		16.7-	Y	Y	Y
51402	DELAWARE STATE COLL	DOVER	26		27		3.8	Y	Y	Y
51404	DELAWARE, UNIV OF	NEWARK	580		723		24.7	Y	Y	Y
51406	GOLDEY BEACOM COLL	WILMINGTON	9		26		188.9	Y	Y	Y
51407	WESLEY COLL	DOVER	14		6		57.1-	Y	Y	Y
51400	WIDENER UNIV-DE CAMPUS	WILMINGTON	11		13		18.2	Y	Y	Y
51408	WILMINGTON COLL	NEW CASTLE	7		7		0.0	Y	Y	Y
	TOTAL DELAWARE		703		855		21.6			

DISTRICT OF COLUMBIA

NRC	INSTITUTION	CITY	1986/87 TOTAL		1987/88 TOTAL		% CHANGE	RESPONSE S1	S2	S3
53404	AMERICAN UNIV	WASHINGTON	1,404		1,412		0.6	Y	Y	Y
53410	CATHOLIC UNIV OF AMERICA	WASHINGTON	562		544		3.2-	Y	Y	N
53445	CORCORAN SCH OF ART	WASHINGTON	12		18		50.0	Y	Y	Y
53446	DE SALES HALL SCH THEO	WASHINGTON	1		0		100.0-	Y	N	N
53417	DIST OF COLUMBIA, UNIV OF	WASHINGTON	1,181		1,103		6.6-	Y	Y	N
53442	DOMINICAN HOUSE OF STDIES	WASHINGTON	2		2		0.0	Y	Y	Y
53418	GALLAUDET COLL	WASHINGTON	208	E	200		3.8-	Y	Y	Y
53419	GEORGE WASHINGTON UNIV	WASHINGTON	2,163		2,198		1.6	Y	Y	Y
53420	GEORGETOWN UNIV	WASHINGTON	1,221	E	1,104		9.6-	Y	Y	Y
53421	HOWARD UNIV	WASHINGTON	1,993		1,754		12.0-	Y	Y	Y

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NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
53434	JHNS HOPKINS SCH ADV INTL	WASHINGTON	145	143	1.4-	Y	Y	Y
53427	MOUNT VERNON COLL	WASHINGTON	55	50	9.1-	Y	Y	Y
53431	OBLATE COLL	WASHINGTON	5 E	6	20.0	Y	Y	Y
53435	SOUTHEASTERN UNIV	WASHINGTON	577	485 E	15.9-	Y	N	Y
53436	STRAYER COLL	WASHINGTON	156 E	250 E	60.3	Y	N	N
53438	TRINITY COLL	WASHINGTON	30 E	23	23.3-	Y	Y	N
53441	WESLEY THEOLOGICAL SEM	WASHINGTON	7	6	14.3-	Y	Y	Y
	TOTAL DISTRICT OF COLUMBIA		9,722	9,298	4.4-			
	FLORIDA							
59488	BAPTIST BIBLE INST	GRACEVILLE	1	2	100.0	Y	Y	Y
59400	BARRY UNIV	MIAMI SHORES	386	402	4.1	Y	Y	Y
59401	BETHUNE COOKMAN COLL	DAYTONA BEACH	110 E	92	16.4-	Y	Y	Y
59439	BOCA RATON, COLL OF	BOCA RATON	58	100 E	72.4	Y	N	N
59403	BREVARD CMTY COLL	COCOA	200 E	193	3.5-	Y	Y	Y
59404	BROWARD CMTY COLL	FORT LAUDERDALE	419	530	26.5	Y	Y	Y
59405	CENTRAL FLA CMTY COLL	OCALA	9	7	22.2-	Y	Y	Y
59420G	CENTRAL FLORIDA, UNIV OF	ORLANDO	306	324	5.9	Y	N	N
59406	CHIPOLA JR COLL	MARIANNA	13	2	84.6-	Y	Y	Y
59472	CLEARWATER CHRISTIAN COLL	CLEARWATER	16	11	31.3-	Y	Y	Y
59407	DAYTONA BEACH CMTY COLL	DAYTONA BEACH	259	340	31.3	Y	Y	N
59408	ECKERD COLL	ST PETERSBURG	92	119	29.3	Y	Y	Y
59409	EDISON CMTY COLL	FORT MYERS	45	49	8.9	Y	Y	Y
59410	EDWARD WATERS COLL	JACKSONVILLE	26	37	42.3	Y	N	N
59411	EMBRY-RIDDLE AERON UNIV	DAYTONA BEACH	382	367	3.9-	Y	Y	Y
59470	FLAGLER COLL	ST AUGUSTINE	41	26	36.6-	Y	Y	Y
59420C	FLORIDA A & M UNIV	TALLAHASSEE	301	268 E	11.0-	Y	Y	Y
59420D	FLORIDA ATLANTIC UNIV	BOCA RATON	411 E	434	5.6	Y	Y	N
59416	FLORIDA CMTY C JACKSONVL	JACKSONVILLE	39	38	2.6-	Y	Y	Y
59413	FLORIDA COLL	TEMPLE TERRACE	2	7	250.0	Y	Y	Y
59415	FLORIDA INST TECHNOLOGY	MELBOURNE	1,031	983	4.7-	Y	Y	Y
59420E	FLORIDA INTERNATIONAL U	MIAMI	1,036	979	5.5-	Y	Y	N
59417	FLORIDA KEYS CMTY COLL	KEY WEST	3	3	0.0	Y	Y	Y
59418	FLORIDA MEMORIAL COLL	MIAMI	125 E	135 E	8.0	Y	N	N
59419	FLORIDA SOUTHERN COLL	LAKELAND	43	43	0.0	Y	Y	Y
59420F	FLORIDA STATE UNIV	TALLAHASSEE	633	704	11.2	Y	Y	Y
59420	FLORIDA, UNIV OF	GAINESVILLE	1,589	1,580 E	0.6-	Y	Y	Y
59431	GULF COAST CMTY COLL	PANAMA CITY	14	14	0.0	Y	Y	Y
59432	HILLSBOROUGH CMTY COLL	TAMPA	140	144	2.9	Y	Y	Y
59433	INDIAN RIVER CMTY COLL	FORT PIERCE	40	56	40.0	Y	Y	Y
59483	INTL FINE ARTS COLL	MIAMI	115	115	0.0	Y	N	N
59434	JACKSONVILLE UNIV	JACKSONVILLE	103 E	102 E	1.0-	Y	Y	Y
59436	LAKE CITY CMTY COLL	LAKE CITY	30 E	27	10.0-	Y	Y	Y
59437	LAKE-SUMTER CMTY COLL	LEESBURG	4	2	50.0-	Y	Y	Y
59438	MANATEE CMTY COLL	BRADENTON	40	38	5.0-	Y	Y	Y
59480	MIAMI CHRISTIAN COLL	MIAMI	10	4	60.0-	Y	Y	Y
59440	MIAMI, UNIV OF	CORAL GABLES	1,873	1,809	3.4-	Y	Y	Y
59441	MIAMI-DADE CMTY COLL	MIAMI	5,010	5,148	2.8	Y	Y	Y
59443	NORTH FLORIDA JR COLL	MADISON	0	1	**	Y	Y	Y
59420H	NORTH FLORIDA, UNIV OF	JACKSONVILLE	167	45	73.1-	Y	N	N
59444	NOVA UNIV	FORT LAUDERDALE	437	417	4.6-	Y	Y	Y
59445	OKALOOSA-WALTON JR COLL	NICEVILLE	1	2	100.0	Y	Y	N
59468	PALM BEACH ATLANTIC COLL	W PALM BEACH	30	35	16.7	Y	N	N
59448	PALM BEACH JR COLL	LAKE WORTH	176	180	2.3	Y	Y	N
59466	PASCO-HERNANDO CMTY COLL	DADE CITY	0	0		Y	N	N
59449	PENSACOLA JR COLL	PENSACOLA	24	23	4.2-	Y	N	N
59450	POLK CMTY COLL	WINTER HAVEN	23	17	26.1-	Y	Y	Y
59475	RINGLING SCH ART & DESIGN	SARASOTA	7	6 E	14.3-	Y	Y	Y
59451	ROLLINS COLL	WINTER PARK	70	70	0.0	Y	Y	Y
59457	SANTA FE CMTY COLL	GAINESVILLE	305	327	7.2	Y	Y	N
59458	SEMINOLE CMTY COLL	SANFORD	62	64 E	3.2	Y	Y	Y
59459	SOUTH FLORIDA CMTY COLL	AVON PARK	3	0	100.0-	Y	N	N
59420I	SOUTH FLORIDA, UNIV OF	TAMPA	746	773	3.6	Y	Y	N
59471	ST JOHN VIANNEY COLL SEM	MIAMI	7	9	28.6	Y	Y	Y
59452	ST JOHN'S RIVER JR COLL	PALATKA	1	2	100.0	Y	Y	Y

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			1986/87		1987/88		%	RESPONSE		
NRC	INSTITUTION	CITY	TOTAL		TOTAL		CHANGE	S1	S2	S3
59454	ST LEO COLL	SAINT LEO	129		77		40.3-	Y	Y	Y
59456	ST PETERSBURG JR COLL	ST PETERSBURG	190	E	101		46.8-	Y	Y	N
59402	ST THOMAS UNIV	MIAMI	211		174		17.5-	Y	Y	Y
59477	ST VINCENT DE PAUL SEM	BOYNTON BEACH	3		3		0.0	Y	Y	Y
59461	STETSON UNIV	DELAND	48		51		6.3	Y	Y	Y
59462	TALLAHASSEE CMTY COLL	TALLAHASSEE	78		76		2.6-	Y	Y	Y
59463	TAMPA, UNIV OF	TAMPA	82		77		6.1-	Y	Y	Y
59464	VALENCIA CMTY COLL	ORLANDO	281		316		12.5	Y	Y	Y
59478	WARNER SOUTHERN COLL	LAKE WALES	23		22		4.3-	Y	Y	Y
59465	WEBBER COLL	BABSON PARK	19	E	21		10.5	Y	Y	Y
59420J	WEST FLORIDA, UNIV OF	PENSACOLA	107		148		38.3	Y	Y	Y
	TOTAL FLORIDA		18,185		18,271		0.5			
	GEORGIA									
58400	ABRAHAM BALDWIN AGRL COLL	TIFTON	29	E	12		58.6-	Y	Y	Y
58401	AGNES SCOTT COLL	DECATUR	13		15		15.4	Y	Y	Y
58402	ALBANY JR COLL	ALBANY	4		2		50.0-	Y	Y	Y
58403	ALBANY STATE COLL	ALBANY	15		9		40.0-	Y	Y	N
58479	AMERICN COLL APPLIED ARTS	ATLANTA	0	F	71		**	Y	N	N
58404	ANDREW COLL	CUTHBERT	26		40		53.8	Y	Y	Y
58405	ARMSTRONG STATE COLL	SAVANNAH	16	E	23		43.8	Y	N	N
58476	ART INST OF ATLANTA	ATLANTA	11		11		0.0	Y	Y	Y
58409	ATLANTA COLL OF ART	ATLANTA	2		7		250.0	Y	Y	Y
58467	ATLANTA JR COLL	ATLANTA	117		117		0.0	Y	N	N
58410	ATLANTA UNIV	ATLANTA	214	E	222		3.7	Y	Y	Y
58411	AUGUSTA COLL	AUGUSTA	14		11		21.4-	Y	Y	Y
58464	BAINBRIDGE JR COLL	BAINBRIDGE	1		1		0.0	Y	Y	Y
58477	BAUDER FASHION COLL	ATLANTA	9		0		100.0-	Y	N	N
58412	BERRY COLL	MOUNT BERRY	21		25		19.0	Y	Y	Y
58413	BRENAU COLL	GAINESVILLE	12		7	E	41.7-	Y	Y	Y
58414	BREWTON-PARKER COLL	MOUNT VERNON	24	E	23		4.2-	Y	Y	N
58415	BRUNSWICK JR COLL	BRUNSWICK	5		8		60.0	Y	Y	Y
58416	CLARK COLL	ATLANTA	85		45	E	47.1-	Y	N	N
58417	CLAYTON STATE COLL	MORROW	9		10		11.1	Y	Y	Y
58418	COLUMBIA THEOLOGICAL SEM	DECATUR	19		17		10.5-	Y	Y	Y
58419	COLUMBUS COLL	COLUMBUS	53		57		7.5	Y	Y	Y
58481	COVENANT COLL	LOOKOUT MTN		N	18		**	Y	Y	Y
58420	DALTON JR COLL	DALTON	2		2		0.0	Y	Y	Y
58421	DEKALB COLL	CLARKSTON	172		148		14.0-	Y	Y	Y
58480	DEVRY INST OF TECHNOLOGY	ATLANTA	41	F	34		17.1-	Y	Y	Y
58466	EMANUEL COUNTY JR COLL	SWAINSBORO	0		0			Y	N	N
58422	EMMANUEL COLL	FRANKLN SPRINGS	3		2		33.3-	Y	Y	Y
58423	EMORY UNIV	ATLANTA	305		334		9.5	Y	Y	Y
58463	FLOYD JR COLL	ROME	0		0			Y	N	N
58424	FORT VALLEY STATE COLL	FORT VALLEY	30		32		6.7	Y	Y	N
58425	GAINESVILLE COLL	GAINESVILLE	44		46		4.5	Y	Y	Y
58426	GEORGIA COLL	MILLEDGEVILLE	32		35		9.4	Y	Y	Y
58427	GEORGIA INST TECHN MAIN	ATLANTA	751		831		10.7	Y	Y	N
58428	GEORGIA MILITARY COLL	MILLEDGEVILLE	11		11		0.0	Y	Y	N
58429	GEORGIA SOUTHERN COLL	STATESBORO	70		82		17.1	Y	Y	N
58430	GEORGIA SOUTHWESTERN COLL	AMERICUS	10		9		10.0-	Y	Y	Y
58431	GEORGIA STATE UNIV	ATLANTA	1,132		1,136		0.4	Y	Y	Y
58432	GEORGIA, UNIV OF	ATHENS	1,124		1,123		0.1-	Y	Y	Y
58433	GORDON COLL	BARNESVILLE	1		1		0.0	Y	Y	Y
58434	INTERDENOMINATL THEOL CTR	ATLANTA	20		21		5.0	Y	Y	Y
58436	KENNESAW COLL	MARIETTA	56		56	E	0.0	Y	Y	N
58437	LA GRANGE COLL	LA GRANGE	56		50		10.7-	Y	Y	Y
58471	LIFE CHIROPRACTIC COLL	MARIETTA	17	E	27		58.8	Y	Y	Y
58438	MACON JR COLL	MACON	1		2		100.0	Y	Y	Y
58439	MEDICAL COLL OF GEORGIA	AUGUSTA	26		23		11.5-	Y	Y	Y
58440B	MERCER UNIV IN ATLANTA	ATLANTA	250		282	E	12.8	Y	Y	Y
58440	MERCER UNIV MAIN CAMPUS	MACON	30		300		900.0	Y	N	N
58440A	MERCER UNIV STHN SCH PHAR	ATLANTA	19		13		31.6-	Y	Y	Y
58441	MIDDLE GEORGIA COLL	COCHRAN	10		6		40.0-	Y	Y	Y
58442	MOREHOUSE COLL	ATLANTA	60		31		48.3-	Y	N	N

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58478	MOREHOUSE SCH OF MEDICINE	ATLANTA	0	1	**	Y	Y	Y
58443	MORRIS BROWN COLL	ATLANTA	210	251	19.5	Y	Y	N
58445	NORTH GEORGIA COLL	DAHLONEGA	8	5	37.5-	Y	Y	Y
58446	OGLETHORPE UNIV	ATLANTA	58	57	1.7-	Y	Y	N
58447	PAINE COLL	AUGUSTA	22	18	18.2-	Y	Y	Y
58448	PIEDMONT COLL	DEMOREST	31	36	16.1	Y	Y	Y
58449	REINHARDT COLL	WALESKA	4	9	125.0	Y	N	N
58475	SAVANNAH COLL ART & DSGN	SAVANNAH	4	11 E	175.0	Y	Y	Y
58450	SAVANNAH STATE COLL	SAVANNAH	57	82	43.9	Y	N	N
58451	SHORTER COLL	ROME	12	11	8.3-	Y	Y	Y
58469	SOUTH COLL	SAVANNAH	1	0	100.0-	Y	N	N
58452	SOUTH GEORGIA COLL	DOUGLAS	25	22	12.0-	Y	Y	Y
58427A	SOUTHERN COLL TECHNOLOGY	MARIETTA	61	76	24.6	Y	Y	Y
58453	SPELMAN COLL	ATLANTA	34	29	14.7-	Y	Y	Y
58465	THOMAS COLL	THOMASVILLE	5	5	0.0	Y	Y	Y
58454	TIFT COLL	FORSYTH	2	C				
58455	TOCCOA FALLS COLL	TOCCOA FALLS	46	39 E	15.2-	Y	Y	N
58456	TRUETT MCCONNELL COLL	CLEVELAND	5	2	60.0-	Y	Y	Y
58458	VALDOSTA STATE COLL	VALDOSTA	40	33	17.5-	Y	Y	Y
58468	WAYCROSS COLL	WAYCROSS	0	0		Y	N	N
58459	WESLEYAN COLL	MACON	11	17	54.5	Y	Y	Y
58460	WEST GEORGIA COLL	CARROLLTON	35	39	11.4	Y	Y	Y
58462	YOUNG HARRIS COLL	YOUNG HARRIS	0	0		Y	N	N
	TOTAL GEORGIA		5,643	6,131	8.6			
	GUAM							
90401	GUAM CMTY COLL	MARIANA ISLANDS	310	384	23.9	Y	Y	Y
90400	GUAM, UNIV OF	MANGILAO	576	145	74.8-	Y	Y	Y
	TOTAL GUAM		886	529	40.3-			
	HAWAII							
95402	BRIGHAM YOUNG U-HAWAII	LAIE OAHU	757	794	4.9	Y	Y	Y
95401	CHAMINADE U OF HONOLULU	HONOLULU	211	175	17.1-	Y	Y	Y
95410A	HAWAII AT HILO, UNIV OF	HILO	102	100	2.0-	Y	Y	Y
95410	HAWAII AT MANOA, UNIV OF	HONOLULU	1,341	1,380	2.9	Y	Y	N
95403	HAWAII LOA COLL	KANEOHE	104	102	1.9-	Y	N	N
95404	HAWAII PACIFIC COLL	HONOLULU	785	975	24.2	Y	Y	Y
95410D	HONOLULU CMTY COLL	HONOLULU	21	23 E	9.5	Y	N	N
95410E	KAPIOLANI CMTY COLL	HONOLULU	36	42	16.7	Y	Y	Y
95410F	KAUAI CMTY COLL	LIHUE	8	8	0.0	Y	Y	Y
95410G	LEEWARD CMTY COLL	PEARL CITY	17	20	17.6	Y	Y	Y
95410H	MAUI CMTY COLL	KAHULUI	31	26	16.1-	Y	Y	Y
95410B	WEST OAHU COLL	PEARL CITY	1	1	0.0	Y	Y	Y
95410J	WINDWARD CMTY COLL	KANEOHE	1	2	100.0	Y	Y	Y
	TOTAL HAWAII		3,415	3,648	6.8			
	IDAHO							
82400	BOISE STATE UNIV	BOISE	88	78	11.4-	Y	Y	Y
82408	ESTN IDAHO VOC TECH SCH	IDAHO FALLS	0	0		Y	N	N
82402	IDAHO STATE UNIV	POCATELLO	170 E	130 E	23.5-	Y	N	N
82401	IDAHO, COLL OF	CALDWELL	10	14	40.0	Y	Y	Y
82403	IDAHO, UNIV OF	MOSCOW	264	322	22.0	Y	Y	Y
82404	LEWIS CLARK STATE COLL	LEWISTON	53	58	9.4	Y	Y	Y
82405	NORTH IDAHO COLL	COEUR D'ALENE	32	36	12.5	Y	Y	Y
82406	NORTHWEST NAZARENE COLL	NAMPA	14	13	7.1-	Y	Y	N
82407	RICKS COLL	REXBURG	242	295	21.9	Y	Y	N
82409	SOUTHERN IDAHO, COLL OF	TWIN FALLS	16	20	25.0	Y	Y	Y
	TOTAL IDAHO		889	966	8.7			

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	ILLINOIS							
33573	ALFRED ADLER INST CHICAGO	CHICAGO	0	4	**	Y	Y	Y
33404	ART INST CHICAGO, SCH OF	CHICAGO	95	126	32.6	Y	Y	Y
33405	AUGUSTANA COLL	ROCK ISLAND	39	54	38.5	Y	Y	Y
33406	AURORA UNIV	AURORA	25 E	37 E	48.0	Y	N	N
33407	BARAT COLL	LAKE FOREST	41	41	0.0	Y	N	N
33408	BELLEVILLE AREA COLL	BELLEVILLE	6	5	16.7-	Y	Y	Y
33409	BETHANY THEOLOGICAL SEM	OAK BROOK	6	12	100.0	Y	Y	Y
33410A	BLACK HAWK C EAST CAMPUS	KEWANEE	0	0		Y	N	N
33410	BLACK HAWK C QUAD-CITIES	MOLINE	5	2	60.0-	Y	Y	Y
33411	BLACKBURN COLL	CARLINVILLE	10	22	120.0	Y	N	N
33412	BRADLEY UNIV	PEORIA	201	243	20.9	Y	Y	Y
33413	CARL SANDBURG COLL	GALESBURG	8	2	75.0-	Y	Y	Y
33567	CATHOLIC THEOL UNION	CHICAGO	52	55	5.8	Y	Y	Y
33430H	CHICAGO CITY-WIDE COLL	CHICAGO	0	16	**	Y	Y	Y
33580	CHICAGO SCH OF PROF PSYCH	CHICAGO	4	4	0.0	Y	Y	Y
33420	CHICAGO STATE UNIV	CHICAGO	112	91	18.8-	Y	Y	Y
33423	CHICAGO, UNIV OF	CHICAGO	930 E	977 E	5.1	Y	Y	Y
33440	COLUMBIA COLL	CHICAGO	40 E	38	5.0-	Y	Y	N
33441	CONCORDIA COLL	RIVER FOREST	16	19	18.8	Y	Y	Y
33445	DANVILLE AREA CMTY COLL	DANVILLE	8	4	50.0-	Y	Y	Y
33447	DEPAUL UNIV	CHICAGO	276 E	320 E	15.9	Y	Y	Y
33448	DEVRY INST TECHNOL-CHCAGO	CHICAGO	45 E	99	120.0	Y	Y	Y
33442	DEVRY INST TECHNOL-LOMBRD	LOMBARD	9 F	6	33.3-	Y	Y	N
33449	DUPAGE, COLL OF	GLEN ELLYN	45	59	31.1	Y	Y	Y
33584	EAST-WEST UNIV	CHICAGO	56	56	0.0	Y	N	N
33450	EASTERN ILLINOIS UNIV	CHARLESTON	70	69	1.4-	Y	Y	Y
33451	ELGIN CMTY COLL	ELGIN	8 E	10 E	25.0	Y	N	N
33452	ELMHURST COLL	ELMHURST	16	16	0.0	Y	Y	Y
33453	EUREKA COLL	EUREKA	7	4	42.9-	Y	Y	Y
33456	FELICIAN COLL	CHICAGO	19	6	68.4-	Y	Y	Y
33581	FOREST INST OF PROF PSYCH	DES PLAINES	2	3	50.0	Y	Y	Y
33569	GARRETT-EVANGELCL THEOL	EVANSTON	20	28	40.0	Y	Y	Y
33459	GOVERNORS STATE UNIV	UNIVERSITY PARK	63	40	36.5-	Y	Y	Y
33460	GREENVILLE COLL	GREENVILLE	9	6	33.3-	Y	Y	Y
33430A	HARRY S TRUMAN COLL	CHICAGO	139	242	74.1	Y	Y	N
33462	HIGHLAND CMTY COLL	FREEPORT	3	2	33.3-	Y	Y	Y
33578	HLTH SCI-CHGO MED SCH, U	NORTH CHICAGO		24 F	**	Y	N	N
33474B	ILL AT CHICAGO, UNIV OF	CHICAGO	1,304	1,353 E	3.8	Y	Y	N
33463	ILL BENEDICTINE COLL	LISLE	33	33	0.0	Y	Y	N
33464	ILL CENTRAL COLL	EAST PEORIA	11	11	0.0	Y	Y	Y
33465	ILL COLL	JACKSONVILLE	5	4	20.0-	Y	Y	Y
33466	ILL COLL OF OPTOMETRY	CHICAGO	17	18	5.9	Y	Y	Y
33468B	ILL EASTERN CMTY COLLS	OLNEY	19	18	5.3-	Y	Y	Y
33469	ILL INST TECHNOLOGY	CHICAGO	572	684	19.6	Y	Y	N
33585	ILL SCH PROF PSYCHOLOGY	CHICAGO	4	4	0.0	Y	Y	Y
33473	ILL STATE UNIV	NORMAL	305	335	9.8	Y	Y	Y
33474	ILL URBANA CAMPUS, U OF	CHAMPAIGN	2,228	2,446	9.8	Y	Y	Y
33475	ILL VALLEY CMTY COLL	OGLESBY	5	0	100.0-	Y	N	N
33476	ILL WESLEYAN UNIV	BLOOMINGTON	9	26	188.9	Y	Y	Y
33479	JOHN A LOGAN COLL	CARTERVILLE	4 E	7	75.0	Y	Y	N
33572	JOHN WOOD CMTY COLL	QUINCY	1	1	0.0	Y	Y	Y
33481	JOLIET JR COLL	JOLIET	0	0		Y	N	N
33482	JUDSON COLL	ELGIN	8	8	0.0	Y	Y	Y
33483	KANKAKEE CMTY COLL	KANKAKEE	2	2	0.0	Y	Y	Y
33484	KASKASKIA COLL	CENTRALIA	2	4	100.0	Y	Y	Y
33575	KELLER GRAD SCH MANAGEMNT	CHICAGO	45 E	45 L	0.0	Y	N	N
33485	KENDALL COLL	EVANSTON	12	16	33.3	Y	Y	Y
33430B	KENNEDY-KING COLL	CHICAGO	53	53 L	0.0	Y	N	N
33486	KISHWAUKEE COLL	MALTA	15	9	40.0-	Y	Y	Y
33487	KNOX COLL	GALESBURG	83	68	18.1-	Y	Y	Y
33488	LAKE COUNTY, COLL OF	GRAYSLAKE	0	0		Y	N	N
33489	LAKE FOREST COLL	LAKE FOREST	11 L	9	18.2-	Y	N	N
33582	LAKE FOREST SCH MANAGEMNT	LAKE FOREST	0	0		Y	N	N
33490	LAKE LAND COLL	MATTOON	1	1	0.0	Y	Y	Y

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33560	LEWIS & CLARK CMTY COLL	GODFREY	1	1	0.0	Y	Y	Y
33491	LEWIS UNIV	ROMEOVILLE	25	27	8.0	Y	N	N
33493	LINCOLN COLL	LINCOLN	1	1	0.0	Y	Y	Y
33494	LINCOLN LAND CMTY COLL	SPRINGFIELD	23	24	4.3	Y	Y	Y
33430C	LOOP COLL, THE	CHICAGO	604	678	12.3	Y	Y	Y
33495	LOYOLA UNIV OF CHICAGO	CHICAGO	229	264	15.3	Y	Y	N
33496	LUTHERAN SCH THEO CHICAGO	CHICAGO	25	23	8.0-	Y	Y	Y
33497	MACCORMAC COLL	CHICAGO	5	6	20.0	Y	Y	Y
33498	MACMURRAY COLL	JACKSONVILLE	1	3	200.0	Y	Y	Y
33430D	MALCOLM X COLL	CHICAGO	18	15	16.7-	Y	Y	Y
33499	MALLINCKRODT COLL	WILMETTE	23	28	21.7	Y	Y	Y
33502	MCHENRY COUNTY COLL	CRYSTAL LAKE	2	0	100.0-	Y	N	N
33503	MCKENDREE COLL	LEBANON	2	6	200.0	Y	Y	Y
33586	MENNONITE COLL OF NURSING	BLOOMINGTON	0	0		Y	N	N
33576	MIDSTATE COLL	PEORIA	2	4	100.0	Y	Y	Y
33561	MIDWEST COLL ENGINEERING	GLEN ELLYN	1	0	100.0-	Y	N	N
33506	MILLIKIN UNIV	DECATUR	4	5	25.0	Y	Y	Y
33507	MONMOUTH COLL	MONMOUTH	64	37	42.2-	Y	Y	Y
33509	MORAINE VALLEY CMTY COLL	PALOS HILLS	43	21	51.2-	Y	Y	Y
33510	MORTON COLL	CICERO	0	0		Y	N	N
33511	MUNDELEIN COLL	CHICAGO	6	10	66.7	Y	Y	Y
33587	NAES COLL	CHICAGO	0	1	**	Y	Y	Y
33583	NATIVE AMERICAN EDUC SERV	CHICAGO	0	0		Y	N	N
33565	NATL COLL OF CHIROPRACTIC	LOMBARD	23	27	17.4	Y	Y	Y
33512	NATL COLL OF EDUCATION	EVANSTON	4	4	0.0	Y	Y	Y
33513	NORTH CENTRAL COLL	NAPERVILLE	7	10	42.9	Y	Y	Y
33514	NORTH PARK C & THEOL SEM	CHICAGO	7	72	928.6	Y	N	N
33515	NORTHEASTERN ILLINOIS U	CHICAGO	70	78	11.4	Y	Y	Y
33516	NORTHERN BAPT THEOL SEM	LOMBARD	21	24	14.3	Y	Y	Y
33517	NORTHERN ILLINOIS UNIV	DEKALB	681	722	6.0	Y	Y	N
33518	NORTHWESTERN UNIV	EVANSTON	984	961	2.3-	Y	Y	Y
33558	OAKTON CMTY COLL	SKOKIE	0	0		Y	N	N
33430E	OLIVE-HARVEY COLL	CHICAGO	3	1 E	66.7-	Y	N	N
33519	OLIVET NAZARENE UNIV	KANKAKEE	15	23	53.3	Y	N	N
33520	PARKLAND COLL	CHAMPAIGN	45	52	15.6	Y	Y	Y
33521	PARKS COLL OF ST LOUIS U	CAHOKIA	109	100	8.3-	Y	Y	Y
33522	PRAIRIE STATE COLL	CHICAGO HEIGHTS	0	2	**	Y	Y	Y
33524	PRINCIPIA COLL	ELSAH	32	38	18.8	Y	Y	Y
33525	QUINCY COLL	QUINCY	3	2	33.3-	Y	Y	Y
33526	REND LAKE COLL	INA	0	0		Y	N	N
33430F	RICHARD J DALEY COLL	CHICAGO	12	11 E	8.3-	Y	N	N
33568	RICHLAND CMTY COLL	DECATUR	1	2	100.0	Y	Y	Y
33527	ROBERT MORRIS COLL	CARTHAGE	0	0		Y	N	N
33528	ROCK VALLEY COLL	ROCKFORD	122	155	27.0	Y	Y	Y
33529	ROCKFORD COLL	ROCKFORD	29	27	6.9-	Y	Y	Y
33530	ROOSEVELT UNIV	CHICAGO	600 E	644	7.3	Y	Y	N
33531	ROSARY COLL	RIVER FOREST	23 E	33	43.5	Y	N	N
33523	RUSH UNIV	CHICAGO	18	23	27.8	Y	Y	Y
33536	SANGAMON STATE UNIV	SPRINGFIELD	99	106	7.1	Y	Y	Y
33537	SAUK VALLEY CMTY COLL	DIXON	35	15	57.1-	Y	Y	Y
33538	SEABURY-WESTERN THEOL SEM	EVANSTON	0	0		Y	N	N
33539	SHAWNEE COLL	ULLIN	0	0		Y	N	N
33541	SHIMER COLL	WAUKEGAN	3	3	0.0	Y	Y	Y
33544	SPERTUS COLL OF JUDAICA	CHICAGO	4	4 E	0.0	Y	Y	Y
33545	SPOON RIVER COLL	CANTON	7	6	14.3-	Y	Y	Y
33546	SPRINGFIELD COLL ILLINOIS	SPRINGFIELD	1	1	0.0	Y	Y	Y
33588	ST AUGUSTINE COLL	CHICAGO	3	2	33.3-	Y	Y	Y
33532	ST FRANCIS, COLL OF	JOLIET	4	2	50.0-	Y	Y	Y
33535	ST XAVIER COLL	CHICAGO	15	13	13.3-	Y	Y	Y
33559	STATE CMTY COLL	E SAINT LOUIS	0	0		Y	N	N
33542	STHESTN ILLINOIS COLL	HARRISBURG	1	3	200.0	Y	Y	Y
33543	STHN ILLINOIS U CARBONDL	CARBONDALE	2,323	2,203	5.2-	Y	Y	Y
33543A	STHN ILLINOIS U EDWARDSVL	EDWARDSVILLE	212 E	214	0.9	Y	Y	N
33547	THORNTON CMTY COLL	SOUTH HOLLAND	2	2	0.0	Y	Y	Y
33549	TRINITY CHRISTIAN COLL	PALOS HEIGHTS	4	4	0.0	Y	N	N
33550	TRINITY COLL	DEERFIELD	12	11	8.3-	Y	Y	Y
33562	TRINITY EVANGLCAL DIV SCH	DEERFIELD	61	82	34.4	Y	Y	Y

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33551	TRITON COLL	RIVER GROVE	9	12	33.3	Y	Y	Y
33552	VANDERCOOK COLL OF MUSIC	CHICAGO	5	4	20.0-	Y	Y	Y
33553	WAUBONSEE CMTY COLL	SUGAR GROVE	0	0		Y	N	N
33559	WEST SUBURBAN COLL NURSNG	OAK PARK	0	0		Y	N	N
33554	WESTERN ILLINOIS UNIV	MACOMB	508	594	16.9	Y	Y	Y
33555	WHEATON COLL	WHEATON	60	60	0.0	Y	Y	Y
33430G	WILBUR WRIGHT COLL	CHICAGO	103	200 E	94.2	Y	N	N
33556	WM RAINEY HARPER COLL	PALATINE	12	16	33.3	Y	Y	Y
	TOTAL ILLINOIS		14,505	15,619	7.7			
	INDIANA							
32400	ANCILLA COLL	DONALDSON	0	5	**	Y	Y	Y
32401	ANDERSON COLL	ANDERSON	44	41	6.8-	Y	Y	Y
32402	BALL STATE UNIV	MUNCIE	272	266	2.2-	Y	Y	N
32403	BETHEL COLL	MISHAWAKA	12	3	75.0-	Y	Y	Y
32404	BUTLER UNIV	INDIANAPOLIS	16	17	6.3	Y	Y	Y
32464	CALUMET COLL OF ST JOSEPH	WHITING	0	0		Y	N	N
32405	CHRISTIAN THEOLOGICAL SEM	INDIANAPOLIS	6	3	50.0-	Y	Y	Y
32473	CONCORDIA THEOLOGICAL SEM	FORT WAYNE	16	9	43.8-	Y	Y	Y
32408	DEPAUW UNIV	GREENCASTLE	31	27	12.9-	Y	Y	Y
32410	EARLHAM COLL	RICHMOND	28	26	7.1-	Y	Y	Y
32411	EVANSVILLE, UNIV OF	EVANSVILLE	210	209	0.5-	Y	Y	Y
32413	FRANKLIN COLL OF INDIANA	FRANKLIN	11	8	27.3-	Y	Y	Y
32471	GOSHEN BIBLICAL SEM	ELKHART	5	15	200.0	Y	Y	Y
32414	GOSHEN COLL	GOSHEN	78	70	10.3-	Y	Y	Y
32415	GRACE COLL	WINONA LAKE	14	10	28.6-	Y	Y	Y
32416	HANOVER COLL	HANOVER	20	20	0.0	Y	Y	Y
32418	HUNTINGTON COLL	HUNTINGTON	19	31	63.2	Y	Y	Y
32440A	IND U PURDUE FORT WAYNE	FORT WAYNE	17	17	0.0	Y	Y	Y
32440	IND U PURDUE INDIANAPOLIS	INDIANAPOLIS	228	206	9.6-	Y	Y	Y
32466F	IND VOC TECH C-BLOOMINGTN	BLOOMINGTON	6	N		N	N	N
32466E	IND VOC TECH C-FORT WAYNE	FORT WAYNE	17 L	7	58.8-	Y	Y	Y
32466C	IND VOC TECH C-INDPLS	INDIANAPOLIS	21 E	17	19.0-	Y	Y	Y
32466G	IND VOC TECH C-KOKOMO	KOKOMO	1	1	0.0	Y	N	N
32466	IND VOC TECH C-LAFAYETTE	LAFAYETTE	0	0		Y	N	N
32466I	IND VOC TECH C-MUNCIE	MUNCIE	2	3	50.0	Y	Y	Y
32466J	IND VOC TECH C-NORTHWEST	GARY	1	2	100.0	Y	Y	Y
32466H	IND VOC TECH C-SELLERSBRG	SELLERSBURG	0	0		Y	N	N
32466A	IND VOC TECH C-SOUTH BEND	SOUTH BEND	2	4 E	100.0	Y	N	N
32466K	IND VOC TECH C-SOUTHEAST	MADISON	0	0		Y	N	N
32466D	IND VOC TECH C-SOUTHWEST	EVANSVILLE	0	1	**	Y	N	N
32466B	IND VOC TECH C-TERRE HAUT	TERRE HAUTE	4	0	100.0-	Y	N	N
32466L	IND VOC TECH C-WHITEWATER	RICHMOND	0	0		Y	N	N
32421	INDIANA INST TECHNOLOGY	FORT WAYNE	159 E	150 E	5.7-	Y	N	N
32422	INDIANA STATE UNIV	TERRE HAUTE	1,009	783	22.4-	Y	Y	Y
32430	INDIANA U AT BLOOMINGTON	BLOOMINGTON	1,997	1,972	1.3-	Y	Y	Y
32430C	INDIANA U AT KOKOMO	KOKOMO	4	0	100.0-	Y	N	N
32430E	INDIANA U AT SOUTH BEND	SOUTH BEND	12	24	100.0	Y	Y	Y
32430A	INDIANA U EAST	RICHMOND	0	1	**	Y	Y	Y
32430D	INDIANA U NORTHWEST	GARY	3	3	0.0	Y	Y	Y
32430F	INDIANA U SOUTHEAST	NEW ALBANY	1	3	200.0	Y	Y	Y
32419	INDIANAPOLIS, UNIV OF	INDIANAPOLIS	39	44	12.8	Y	Y	Y
32442	MANCHESTER COLL	N MANCHESTER	12	14	16.7	Y	Y	Y
32443	MARIAN COLL	INDIANAPOLIS	32	23	28.1-	Y	Y	Y
32445	MARION COLL	MARION	14	27	92.9	Y	N	N
32476	MARTIN CENTER COLL	INDIANAPOLIS	5	4	20.0-	Y	Y	Y
32446	MENNONITE BIBLICAL SEM	ELKHART	24	28	16.7	Y	Y	Y
32447	NOTRE DAME, UNIV OF	NOTRE DAME	445	495	11.2	Y	Y	Y
32448	OAKLAND CITY COLL	OAKLAND CITY	5 E	1	80.0-	Y	N	N
32450	PURDUE U MAIN CAMPUS	WEST LAFAYETTE	1,788	1,950	9.1	Y	Y	Y
32450C	PURDUE U NORTH CEN CAMPUS	WESTVILLE	0	0		Y	N	N
32451	ROSE-HULMAN INST OF TECH	TERRE HAUTE	26	30	15.4	Y	Y	Y
32422A	SOUTHERN INDIANA, UNIV OF	EVANSVILLE	42	51 E	21.4	Y	Y	Y
32452	ST FRANCIS COLL	FORT WAYNE	6	6	0.0	Y	Y	Y
32453	ST JOSEPH'S COLL	RENSSELAER	5	8	60.0	Y	Y	Y

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32454	ST MARY OF THE WOODS COLL	ST MARY WOODS	16	17	6.3	Y	Y	Y
32455	ST MARY'S COLL	NOTRE DAME	18	18	0.0	Y	Y	Y
32472	ST MEINRAD COLL	SAINT MEINRAD	8	9	12.5	Y	Y	Y
32456	ST MEINRAD SCH THEOLOGY	SAINT MEINRAD	2	1	50.0-	Y	Y	Y
32457	TAYLOR UNIV	UPLAND	26	25	3.8-	Y	Y	Y
32458	TRI-STATE UNIV	ANGOLA	167	188	12.6	Y	Y	Y
32460	VALPARAISO UNIV	VALPARAISO	69	66	4.3-	Y	Y	Y
32461	VINCENNES UNIV	VINCENNES	103	110	6.8	Y	N	N
32462	WABASH COLL	CRAWFORDSVILLE	17	19	11.8	Y	Y	Y
	TOTAL INDIANA		7,135	7,088	0.7-			
	IOWA							
42460	AMERICAN INST OF BUSINESS	DES MOINES	0	0		Y	N	N
42402	BRIAR CLIFF COLL	SIOUX CITY	10	7	30.0-	Y	Y	Y
42403	BUENA VISTA COLL	STORM LAKE	10	6	40.0-	Y	Y	N
42404	CENTRAL COLL OF IOWA	PELLA	27	30	11.1	Y	Y	Y
42405	CLARKE COLL	DUBUQUE	8	7	12.5-	Y	Y	Y
42413A	CLINTON CMTY COLL	CLINTON	1	0	100.0-	Y	N	N
42406	COE COLL	CEDAR RAPIDS	152	141	7.2-	Y	Y	Y
42407	CORNELL COLL	MOUNT VERNON	35	35	0.0	Y	Y	Y
42408A	DES MOINES AREA CMTY COLL	ANKENY	53	39	26.4-	Y	Y	N
42409	DIVINE WORD COLL	EPWORTH	11	13	18.2	Y	Y	Y
42410	DORDT COLL	SIOUX CENTER	167	104	37.7-	Y	Y	N
42411	DRAKE UNIV	DES MOINES	142	158	11.3	Y	Y	Y
42412A	DUBUQUE THEO SEM, UNIV OF	DUBUQUE	5	2	60.0-	Y	Y	Y
42412	DUBUQUE, UNIV OF	DUBUQUE	78	79 E	1.3	Y	Y	Y
42414	ELLSWORTH CMTY COLL	IOWA FALLS	6	4	33.3-	Y	Y	Y
42415	GRACELAND COLL	LAMONI	48	48	0.0	Y	Y	Y
42416	GRAND VIEW COLL	DES MOINES	113	79	30.1-	Y	Y	Y
42417	GRINNELL COLL	GRINNELL	57	64	12.3	Y	Y	Y
42452	HAWKEYE INST TECHNOLOGY	WATERLOO	4	4	0.0	Y	Y	Y
42418A	INDIAN HILLS CMTY COLL	OTTUMWA	3	1	66.7-	Y	Y	Y
42419B	IOWA CENTRAL CMTY COLL	FORT DODGE	18	14	22.2-	Y	Y	Y
42420A	IOWA LAKES CMTY COLL	ESTHERVILLE	2	0	100.0-	Y	N	N
42421	IOWA STATE UNIV	AMES	2,184	2,044	6.4-	Y	Y	Y
42423	IOWA WESLEYAN COLL	MOUNT PLEASANT	3	2	33.3-	Y	Y	Y
42424	IOWA WESTERN CMTY COLL	COUNCIL BLUFFS	6	5	16.7-	Y	Y	Y
42422	IOWA, UNIV OF	IOWA CITY	1,826	1,888	3.4	Y	Y	Y
42425	KIRKWOOD CMTY COLL	CEDAR RAPIDS	141 E	138 E	2.1-	Y	Y	N
42426	LORAS COLL	DUBUQUE	23	41	78.3	Y	N	N
42427	LUTHER COLL	DECORAH	41	56	36.6	Y	Y	Y
42459	MAHARISHI INTERNATL UNIV	FAIRFIELD	302	299	1.0-	Y	Y	Y
42428	MARSHALLTOWN CMTY COLL	MARSHALLTOWN	6	5	16.7-	Y	Y	Y
42429	MARYCREST COLL	DAVENPORT	8	16 E	100.0	Y	N	N
42430	MORNINGSIDE COLL	SIOUX CITY	32	42	31.3	Y	Y	Y
42431	MOUNT MERCY COLL	CEDAR RAPIDS	0	10	**	Y	Y	Y
42433	MOUNT ST CLARE COLL	CLINTON	8	5	37.5-	Y	Y	Y
42413B	MUSCATINE CMTY COLL	MUSCATINE	3	1	66.7-	Y	Y	Y
42434	NORTH IOWA AREA CMTY COLL	MASON CITY	3	7	133.3	Y	Y	Y
42454	NORTHEAST IOWA TECH INST	CALMAR	0	0		Y	N	N
42435	NORTHERN IOWA, UNIV OF	CEDAR FALLS	127	123	3.1-	Y	Y	Y
42461	NORTHWEST IOWA TECH COLL	SHELDON	0	0		Y	N	N
42436	NORTHWESTERN COLL	ORANGE CITY	19	27	42.1	Y	Y	Y
42458	PALMER COLL CHIROPRACTIC	DAVENPORT	165	165	0.0	Y	Y	Y
42413C	SCOTT CMTY COLL	BETTENDORF	20	12	40.0-	Y	Y	Y
42441	SIMPSON COLL	INDIANOLA	2	2	0.0	Y	Y	Y
42443A	SOUTHEASTERN CC BURLINGTN	W BURLINGTON	8	14 E	75.0	Y	Y	Y
42443B	SOUTHEASTERN CC KEOKUK	KEOKUK	0	0		Y	N	N
42444	SOUTHWESTERN CMTY COLL	CRESTON	1	3	200.0	Y	Y	Y
42440	ST AMBROSE UNIV	DAVENPORT	9	9	0.0	Y	Y	Y
42445	UPPER IOWA UNIV	FAYETTE	4	0	100.0-	Y	N	N
42447	WALDORF COLL	FOREST CITY	7	11	57.1	Y	Y	Y
42448	WARTBURG COLL	WAVERLY	50	55	10.0	Y	Y	Y
42449	WARTBURG THEOLOGICAL SEM	DUBUQUE	16	17	6.3	Y	Y	Y
42457	WESTERN IOWA TECH	SIOUX CITY	6	0	100.0-	Y	N	N

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						S1	S2	S3
42450	WESTMAR COLL	LE MARS	13	11	15.4-	Y	Y	Y
42451	WILLIAM PENN COLL	OSKALOOSA	18	12	33.3-	Y	Y	Y
	TOTAL IOWA		6,001	5,855	2.4-			
	KANSAS							
47400	ALLEN COUNTY CMTY COLL	IOLA	3	2	33.3-	Y	Y	Y
47401	BAKER UNIV	BALDWIN CITY	22	20	9.1-	Y	Y	Y
47402	BARTON COUNTY CMTY COLL	GREAT BEND	0	1	**	Y	Y	Y
47403	BENEDICTINE COLL	ATCHISON	12	17	41.7	Y	Y	Y
47404	BETHANY COLL	LINDSBORG	15	13	13.3-	Y	Y	Y
47405	BETHEL COLL	NORTH NEWTON	40	31	22.5-	Y	Y	Y
47455	BROWN MACKIE COLL, THE	SOUTH SANTA FE		0 F		Y	N	N
47406	BUTLER COUNTY CMTY COLL	EL DORADO	34	63	85.3	Y	Y	Y
47407	CENTRAL BAPTIST THEOL SEM	KANSAS CITY	3	1	66.7-	Y	Y	Y
47408	CENTRAL COLL	MCPHERSON	4	4	0.0	Y	Y	Y
47409	CLOUD COUNTY CMTY COLL	CONCORDIA	4	3	25.0-	Y	Y	Y
47410	COFFEYVILLE CMTY COLL	COFFEYVILLE	44	49	11.4	Y	Y	Y
47411	COLBY CMTY COLL	COLBY	3	4	33.3	Y	Y	Y
47412	COWLEY COUNTY CMTY COLL	ARKANSAS CITY	0	0		Y	N	N
47413	DODGE CITY CMTY COLL	DODGE CITY	3	1	66.7-	Y	Y	Y
47414	DONNELLY COLL	KANSAS CITY	189	149 E	21.2-	Y	N	N
47429	EMPORIA STATE UNIV	EMPORIA	227	233	2.6	Y	Y	Y
47416	FORT HAYS STATE UNIV	HAYS	78	74	5.1-	Y	Y	Y
47417	FORT SCOTT CMTY COLL	FORT SCOTT	19	18	5.3-	Y	Y	Y
47419	FRIENDS UNIV	WICHITA	40	48	20.0	Y	Y	Y
47420	GARDEN CITY CMTY COLL	GARDEN CITY	2	4	100.0	Y	N	N
47422	HESSTON COLL	HESSTON	25	34	36.0	Y	Y	Y
47423	HIGHLAND CMTY COLL	HIGHLAND	0	0		Y	N	N
47424	HUTCHINSON CMTY COLL	HUTCHINSON	13	22	69.2	Y	Y	Y
47425	INDEPENDENCE CMTY COLL	INDEPENDENCE	5	11	120.0	Y	Y	Y
47426	JOHNSON COUNTY CMTY COLL	OVERLAND PARK	15	34	126.7	Y	Y	N
47427	KANSAS CITY KANSAS CC	KANSAS CITY	6	9	50.0	Y	Y	Y
47431A	KANSAS COLL HEALTH SCI, U	KANSAS CITY	31	48	54.8	Y	Y	Y
47442	KANSAS NEWMAN COLL	WICHITA	20	8	60.0-	Y	Y	Y
47430	KANSAS STATE UNIV	MANHATTAN	832	963	15.7	Y	Y	Y
47453	KANSAS TECHNICAL INST	SALINA	1	0	100.0-	Y	N	N
47432	KANSAS WESLEYAN	SALINA	4	4	0.0	Y	Y	Y
47431	KANSAS, UNIV OF	LAWRENCE	1,777	1,747	1.7-	Y	Y	Y
47433	LABETTE CMTY COLL	PARSONS	8	5	37.5-	Y	Y	Y
47435	MARYMOUNT COLL	SALINA	4	2	50.0-	Y	Y	Y
47436	MCPHERSON COLL	MCPHERSON	12	8	33.3-	Y	Y	Y
47437	MID AMERICA NAZARENE COLL	OLATHE	32	48	50.0	Y	Y	N
47439	NEOSHO COUNTY CMTY COLL	CHANUTE	2	0	100.0-	Y	N	N
47440	OTTAWA UNIV-OTTAWA CAMPUS	OTTAWA	34	38	11.8	Y	Y	Y
47428	PITTSBURG STATE UNIV	PITTSBURG	269	332	23.4	Y	Y	Y
47441	PRATT CMTY COLL	PRATT	3	0	100.0-	Y	N	N
47446	SEWARD COUNTY CMTY COLL	LIBERAL	19	29	52.6	Y	Y	N
47447	SOUTHWESTERN COLL	WINFIELD	7	3	57.1-	Y	Y	Y
47444	ST MARY COLL	LEAVENWORTH	25	22	12.0-	Y	Y	Y
47445	ST MARY PLAINS COLL	DODGE CITY	0	6	**	Y	N	N
47448	STERLING COLL	STERLING	7	6	14.3-	Y	Y	Y
47449	TABOR COLL	HILLSBORO	14	11	21.4-	Y	Y	Y
47454	US ARMY COMND GEN STAFF C	FT LEAVENWORTH	111	120	8.1	Y	N	N
47450	WASHBURN UNIV OF TOPEKA	TOPEKA	35 E	53 E	51.4	Y	Y	Y
47451	WICHITA STATE UNIV	WICHITA	943	856	9.2-	Y	N	N
	TOTAL KANSAS		4,996	5,154	3.2			
	KENTUCKY							
61400	ALICE LLOYD COLL	PIPPA PASSES	0	0		Y	N	N
61401	ASBURY COLL	WILMORE	25	27	8.0	Y	Y	Y
61402	ASBURY THEOLOGICAL SEM	WILMORE	28	35	25.0	Y	Y	Y
61420B	ASHLAND CMTY COLL	ASHLAND	1	0	100.0-	Y	N	N
61403	BELLARMINE COLL	LOUISVILLE	12	13	8.3	Y	Y	Y

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NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
61404	BEREA COLL	BEREA	82	85	3.7	Y	Y	Y
61405	BRESCIA COLL	OWENSBORO	20	15	25.0-	Y	Y	Y
61406	CAMPBELLSVILLE COLL	CAMPBELLSVILLE	29	17	41.4-	Y	Y	Y
61407	CENTRE COLL	DANVILLE	11	9	18.2-	Y	Y	Y
61408	CUMBERLAND COLL	WILLIAMSBURG	60	60	0.0	Y	Y	Y
61409	EASTERN KENTUCKY UNIV	RICHMOND	107	119	11.2	Y	Y	Y
61420C	ELIZABETHTOWN CMTY COLL	ELIZABETHTOWN	0	2	**	Y	Y	Y
61410	GEORGETOWN COLL	GEORGETOWN	4	6	50.0	Y	Y	Y
61420E	HAZARD CMTY COLL	HAZARD	0	0		Y	N	N
61420F	HENDERSON CMTY COLL	HENDERSON	0	0		Y	N	N
61420G	HOPKINSVILLE CMTY COLL	HOPKINSVILLE	0	0		Y	N	N
61420H	JEFFERSON CMTY COLL	LOUISVILLE	13	50 E	284.6	Y	N	N
61411	KENTUCKY CHRISTIAN COLL	GRAYSON	0	4	**	Y	N	N
61412	KENTUCKY STATE UNIV	FRANKFORT	25	20	20.0-	Y	Y	Y
61430	KENTUCKY WESLEYAN COLL	OWENSBORO	8	13	62.5	Y	Y	Y
61420	KENTUCKY, UNIV OF	LEXINGTON	482	654	35.7	Y	Y	Y
61431	LEES JR COLL	JACKSON	1	0	100.0-	Y	N	N
61420D	LEXINGTON CMTY COLL	LEXINGTON	4	2	50.0-	Y	N	N
61432	LEXINGTON THEOLOGICAL SEM	LEXINGTON	2	2	0.0	Y	Y	Y
61433	LINDSEY WILSON COLL	COLUMBIA	1	6	500.0	Y	Y	Y
61435	LOUISVILLE, UNIV OF	LOUISVILLE	320	344	7.5	Y	Y	Y
61434	LOUISVL PRESB THEOL SEM	LOUISVILLE	4	5	25.0	Y	Y	Y
61420I	MADISONVILLE CMTY COLL	MADISONVILLE	0	0		Y	N	N
61420J	MAYSVILLE CMTY COLL	MAYSVILLE	0	0		Y	N	N
61436	MIDWAY COLL	MIDWAY	9	10 E	11.1	Y	N	N
61437	MOREHEAD STATE UNIV	MOREHEAD	68	53 E	22.1-	Y	Y	Y
61438	MURRAY STATE UNIV	MURRAY	82 E	98	19.5	Y	Y	N
61439	NORTHERN KENTUCKY UNIV	HIGHLAND HTS	60	68 E	13.3	Y	Y	Y
61420K	PADUCAH CMTY COLL	PADUCAH	0	0		Y	N	N
61440	PIKEVILLE COLL	PIKEVILLE	1	1	0.0	Y	Y	Y
61420L	PRESTONBURG CMTY COLL	PRESTONBURG	0	1	**	Y	Y	Y
61420M	SOMERSET CMTY COLL	SOMERSET	0	2	**	Y	Y	N
61420N	SOUTHEAST CMTY COLL	CUMBERLAND	1	0	100.0-	Y	N	N
61444	SOUTHERN BAPT THEOL SEM	LOUISVILLE	84	71	15.5-	Y	Y	Y
61445	SPALDING UNIV	LOUISVILLE	6	6	0.0	Y	Y	Y
61441	ST CATHARINE COLL	SAINT CATHARINE	14	23	64.3	Y	Y	Y
61446	SUE BENNETT COLL	LONDON	4	2	50.0-	Y	N	N
61454	SULLIVAN JR COLL BUSINESS	LOUISVILLE	17	13	23.5-	Y	Y	Y
61447	THOMAS MORE COLL	CRESTVIEW HILLS	23	23 L	0.0	Y	N	N
61448	TRANSYLVANIA UNIV	LEXINGTON	10	10	0.0	Y	Y	Y
61449	UNION COLL	BARBOURVILLE	8	7	12.5-	Y	N	N
61453	WATTERSON COLL	LOUISVILLE	0	1	**	Y	N	N
61450	WESTERN KENTUCKY UNIV	BOWLING GREEN	113	147	30.1	Y	Y	Y
	TOTAL KENTUCKY		1,739	2,024	16.4			

LOUISIANA

NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
72438	BOSSIER PARISH CMTY COLL	BOSSIER CITY	0	2	**	Y	Y	Y
72400	CENTENARY COLL LOUISIANA	SHREVEPORT	14	17	21.4	Y	Y	Y
72402	DELGADO COLL	NEW ORLEANS	250 E	150 E	40.0-	Y	N	N
72403	DILLARD UNIV	NEW ORLEANS	13	20	53.8	Y	Y	N
72404	GRAMBLING STATE UNIV	GRAMBLING	155	210	35.5	Y	N	N
72405	LA COLL	PINEVILLE	19	10	47.4-	Y	Y	Y
72410C	LA STATE U ALEXANDRIA	ALEXANDRIA	6	2	66.7-	Y	Y	Y
72410	LA STATE U BATON ROUGE	BATON ROUGE	1,735	1,524	12.2-	Y	Y	Y
72410D	LA STATE U EUNICE	EUNICE	9	1	88.9-	Y	Y	Y
72410F	LA STATE U SHREVEPORT	SHREVEPORT	7	6	14.3-	Y	Y	Y
72420	LA TECH UNIV	RUSTON	371 E	354	4.6-	Y	Y	Y
72421	LOYOLA U IN NEW ORLEANS	NEW ORLEANS	192	198 E	3.1	Y	Y	Y
72422	MCNEESE STATE UNIV	LAKE CHARLES	110	101	8.2-	Y	Y	Y
72424	NEW ORLEANS BAPT THEO SEM	NEW ORLEANS	10	6	40.0-	Y	Y	Y
72410E	NEW ORLEANS, UNIV OF	NEW ORLEANS	397 E	338 E	14.9-	Y	N	N
72425	NICHOLLS STATE UNIV	THIBODAUX	43	34	20.9-	Y	Y	Y
72426	NORTHEAST LOUISIANA UNIV	MONROE	407	332	18.4-	Y	Y	N
72428	NOTRE DAME SEM SCH THEO	NEW ORLEANS	26	10	61.5-	Y	Y	Y
72427	NTHWSTN STATE UNIV OF LA	NATCHITOCHES	115	80 E	30.4-	Y	N	N

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NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
72429	OUR LADY HOLY CROSS COLL	NEW ORLEANS	1	3	200.0	Y	Y	Y
72437	ST BERNARD PARISH CC	CHALMETTE	0	0		Y	N	N
72430	ST JOSEPH SEM COLL	SAINT BENEDICT	0	0		Y	N	N
72432	STHESTN LOUISIANA UNIV	HAMMOND	92 E	87	5.4-	Y	N	N
72433	STHN U A&M COLL MAIN CAM	BATON ROUGE	1,500 E	573	61.8-	Y	N	N
72433A	STHN U NEW ORLEANS CAM	NEW ORLEANS	166	132	20.5-	Y	Y	N
72433B	STHN U SHREVEPORT-BOSSIER	SHREVEPORT	2	1	50.0-	Y	N	N
72434	STHWSTN LOUISIANA, U OF	LAFAYETTE	1,652 E	1,322	20.0-	Y	Y	N
72435	TULANE UNIV OF LOUISIANA	NEW ORLEANS	479 E	529 E	10.4	Y	Y	Y
72436	XAVIER UNIV OF LOUISIANA	NEW ORLEANS	65	72	10.8	Y	Y	Y
	TOTAL LOUISIANA		7,836	6,114	22.0-			
	MAINE							
11428	ATLANTIC, COLL OF THE	BAR HARBOR	2	2	0.0	Y	Y	Y
11401	BANGOR THEOLOGICAL SEM	BANGOR	2	0	100.0-	Y	N	N
11402	BATES COLL	LEWISTON	27	50	85.2	Y	Y	N
11429	BEAL COLL	BANGOR	0	5	**	Y	Y	Y
11404	BOWDOIN COLL	BRUNSWICK	29	28	3.4-	Y	Y	N
11437	CENTRAL MAINE VOC TECH	AUBURN	1	1	0.0	Y	Y	Y
11438	CNTRL MAINE MED CTR NRSNG	LEWISTON	0	0		Y	N	N
11405	COLBY COLL	WATERVILLE	32	31	3.1-	Y	Y	Y
11400	ESTN MAINE VOC TECH INST	BANGOR	0	0		Y	N	N
11406	HUSSON COLL	BANGOR	30	55	83.3	Y	Y	Y
11439	KENNEBEC VLY VOC TECH	FAIRFIELD	0 F	0		Y	N	N
11410A	MAINE AT AUGUSTA, UNIV OF	AUGUSTA	3	0	100.0-	Y	N	N
11410C	MAINE AT FARMINGTON, U OF	FARMINGTON	N	4	**	Y	Y	Y
11410D	MAINE AT FORT KENT, U OF	FORT KENT	11	30	172.7	Y	Y	Y
11410E	MAINE AT MACHIAS, UNIV OF	MACHIAS	6	12	100.0	Y	Y	Y
11410H	MAINE AT PRESQUE ISLE, U	PRESQUE ISLE	43	80	86.0	Y	Y	Y
11408	MAINE MARITIME ACAD	CASTINE	28	23 E	17.9-	Y	Y	Y
11410	MAINE, UNIV OF	ORONO	155	207	33.5	Y	Y	N
11423	NEW ENGLAND, UNIV OF	BIDDEFORD	N	8 E	**	Y	Y	Y
11433	NTHN MAINE VOC TECH INST	PRESQUE ISLE	2	6 E	200.0	Y	N	N
11432	PORTLAND SCH OF ART	PORTLAND	1	1	0.0	Y	Y	Y
11424	ST JOSEPH'S COLL	NORTH WINDHAM	3	3	0.0	Y	Y	Y
11431	STHN MAINE VOC TECH INST	S PORTLAND	2	3 E	50.0	Y	N	N
11410G	STHN MAINE, UNIV OF	GORHAM	43	37	14.0-	Y	Y	Y
11425	THOMAS COLL	WATERVILLE	8	7	12.5-	Y	Y	Y
11427	UNITY COLL	UNITY	1	1	0.0	Y	Y	Y
11426	WESTBROOK COLL	PORTLAND	23	21	8.7-	Y	Y	Y
	TOTAL MAINE		452	615	36.1			
	MARYLAND							
52400	ALLEGANY CMTY COLL	CUMBERLAND	0	3 E	**	Y	Y	N
52402	ANNE ARUNDEL CMTY COLL	ARNOLD	24	18	25.0-	Y	Y	Y
52406	BALTIMORE HEBREW COLL	BALTIMORE	N	0		Y	N	N
52405	BALTIMORE, CMTY COLL OF	BALTIMORE	275 E	250 E	9.1-	Y	N	N
52407	BALTIMORE, UNIV OF	BALTIMORE	125	93	25.6-	Y	Y	N
52408	BOWIE STATE COLL	BOWIE	158	165 E	4.4	Y	N	N
52409	CAPITOL INST TECHNOLOGY	LAUREL	27	26	3.7-	Y	Y	N
52411	CATONSVILLE CMTY COLL	CATONSVILLE	25	25 E	0.0	Y	N	N
52455	CECIL CMTY COLL	NORTH EAST	1	0	100.0-	Y	N	N
52412	CHARLES COUNTY CMTY COLL	LA PLATA	2	1	50.0-	Y	Y	Y
52413	CHESAPEAKE COLL	WYE MILLS	1	2	100.0	Y	Y	Y
52414	COLUMBIA UNION COLL	TAKOMA PARK	108	46	57.4-	Y	Y	Y
52415	COPPIN STATE COLL	BALTIMORE	163	164	0.6	Y	Y	Y
52416	DUNDALK CMTY COLL	BALTIMORE	5	4	20.0-	Y	Y	Y
52417	ESSEX CMTY COLL	BALT COUNTY	38	37	2.6-	Y	Y	Y
52418	FREDERICK CMTY COLL	FREDERICK	3	2	33.3-	Y	Y	Y
52419	FROSTBURG STATE UNIV	FROSTBURG	23	11 E	52.2-	Y	Y	N
52451	GARRETT CMTY COLL	MCHENRY	0	0		Y	N	N
52420	GOUCHER COLL	BALTIMORE	18	9	50.0-	Y	Y	Y
52421	HAGERSTOWN JR COLL	HAGERSTOWN	11	3	72.7-	Y	Y	Y

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52422	HARFORD CMTY COLL	BEL AIR	1	2	100.0	Y	Y	Y
52424	HOOD COLL	FREDERICK	34	30	11.8-	Y	Y	Y
52454	HOWARD CMTY COLL	COLUMBIA	13	12	7.7-	Y	Y	Y
52426	JOHNS HOPKINS UNIV	BALTIMORE	377	421	11.7	Y	Y	Y
52427	LOYOLA COLL	BALTIMORE	37	36	2.7-	Y	Y	Y
52429B	MARYLAND AT BALTIMORE, U	BALTIMORE	115	124	7.8	Y	Y	N
52429C	MARYLAND BALTIMORE CO, U	BALTIMORE	187 E	212	13.4	Y	Y	Y
52429	MARYLAND COLLEGE PARK, U	COLLEGE PARK	2,082	2,239	7.5	Y	Y	Y
52429D	MARYLAND EASTERN SHORE, U	PRINCESS ANNE	56	68	21.4	Y	Y	Y
52428	MARYLAND INST COLL OF ART	BALTIMORE	49	25	49.0-	Y	Y	Y
52429E	MARYLAND UNIV COLL, U OF	COLLEGE PARK	280	178	36.4-	Y	Y	Y
52431C	MONTGOMERY C GERMANTOWN	GERMANTOWN	24	29	20.8	Y	Y	Y
52431A	MONTGOMERY C ROCKVILLE	ROCKVILLE	818	841	2.8	Y	Y	Y
52431B	MONTGOMERY C TAKOMA PARK	TAKOMA PARK	257	273	6.2	Y	Y	Y
52432	MORGAN STATE UNIV	BALTIMORE	325 E	348	7.1	Y	Y	N
52434	MOUNT ST MARY'S COLL	EMMITSBURG	22	25	13.6	Y	N	N
52436	NOTRE DAME MD, COLL OF	BALTIMORE	45 E	53	17.8	Y	Y	N
52437	PEABODY I JOHNS HOPKINS U	BALTIMORE	71	59	16.9-	Y	Y	Y
52438	PRINCE GEORGE'S CMTY COLL	LARGO	188	175	6.9-	Y	Y	Y
52444	SALISBURY STATE COLL	SALISBURY	19	22	15.8	Y	Y	Y
52460	SOJOURNER-DOUGLAS COLL	BALTIMORE	11	11 L	0.0	Y	N	N
52440	ST JOHN'S COLL MAIN CAM	ANNAPOLIS	13	9	30.8-	Y	Y	Y
52442	ST MARY'S COLL MARYLAND	ST MARY'S CITY	6	4	33.3-	Y	Y	Y
52443	ST MARY'S SEM UNIV	BALTIMORE	0	0		Y	N	N
52445	TOWSON STATE UNIV	TOWSON	152	237 E	55.9	Y	N	N
52446	US NAVAL ACAD	ANNAPOLIS	28	32	14.3	Y	Y	Y
52447	VILLA JULIE COLL	STEVENSON	3	0	100.0-	Y	N	N
52449	WASHINGTON COLL	CHESTERTOWN	9	21	133.3	Y	Y	Y
52453	WASHINGTON THEOL UNION	SILVER SPRING	1	16	500.0	Y	Y	Y
52450	WESTERN MARYLAND COLL	WESTMINSTER	N	25	**	Y	Y	Y
52458	WOR-WIC TECH CMTY COLL	SALISBURY	0	0		Y	N	N
	TOTAL MARYLAND		6,230	6,386	2.5			
	MASSACHUSETTS							
14558	AMERICAN INST OF BANKING	BOSTON	0	0		Y	N	N
14401	AMERICAN INTERNATL COLL	SPRINGFIELD	92	94	2.2	Y	Y	Y
14402	AMHERST COLL	AMHERST	38	45	18.4	Y	Y	Y
14403	ANDOVER NEWTON THEOL SCH	NEWTON CENTRE	11	11	0.0	Y	Y	Y
14405	ANNA MARIA COLL	PAXTON	17	15	11.8-	Y	N	N
14537	AQUINAS JR COLL AT MILTON	MILTON	0	0		Y	N	N
14537A	AQUINAS JR COLL AT NEWTON	NEWTON	1	2	100.0	Y	Y	Y
14554	ARTHUR LITTLE MGT ED INST	CAMBRIDGE	129	125	3.1-	Y	Y	Y
14406	ASSUMPTION COLL	WORCESTER	24	18	25.0-	Y	Y	Y
14407	ATLANTIC UNION COLL	S LANCASTER	79	119	50.6	Y	Y	Y
14409	BABSON COLL	BABSON PARK	244 E	136 E	44.3-	Y	Y	N
14410	BAY PATH JR COLL	LONGMEADOW	0	5	**	Y	Y	Y
14541	BAY STATE JR COLL	BOSTON	15 E	12 E	20.0-	Y	N	N
14411	BECKER JR COLL WORCESTER	WORCESTER	11	3	72.7-	Y	Y	Y
14413	BENTLEY COLL	WALTHAM	175	200	14.3	Y	Y	N
14540	BERKLEE COLL OF MUSIC	BOSTON	556	572	2.9	Y	Y	Y
14460A	BERKSHIRE CMTY COLL	PITTSFIELD	46	49	6.5	Y	Y	Y
14419	BOSTON COLL	CHESTNUT HILL	368	434	17.9	Y	Y	N
14420	BOSTON CONSERV OF MUSIC	BOSTON	32	23	28.1-	Y	Y	Y
14421	BOSTON UNIV	BOSTON	2,422	2,641	9.0	Y	Y	Y
14422	BRADFORD COLL	BRADFORD	36	36	0.0	Y	Y	Y
14423	BRANDEIS UNIV	WALTHAM	346	379	9.5	Y	Y	Y
14480B	BRIDGEWATER STATE COLL	BRIDGEWATER	50	47	6.0-	Y	Y	Y
14460B	BRISTOL CMTY COLL	FALL RIVER	26	35	34.6	Y	Y	Y
14460N	BUNKER HILL CMTY COLL	BOSTON	826 E	851	3.0	Y	N	N
14559	CAMBRIDGE COLL	CAMBRIDGE	6	3	50.0-	Y	Y	Y
14460C	CAPE COD CMTY COLL	W BARNSTABLE	2	5	150.0	Y	Y	Y
14547	CATHERINE LABOURE COLL	BOSTON	2	0	100.0-	Y	N	N
14549	CENTRAL NEW ENGLAND COLL	WORCESTER	43	31	27.9-	Y	Y	Y
14426	CHAMBERLAYNE JR COLL	BOSTON	58	69	19.0	Y	Y	Y
14429	CLARK UNIV	WORCESTER	257	258	0.4	Y	Y	Y

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14560	CONWAY SCH LANDSCAPE DSGN	CONWAY	0	0		Y	N	N
14430	CURRY COLL	MILTON	10	10	0.0	Y	Y	Y
14431	DEAN JR COLL	FRANKLIN	11	20	81.8	Y	Y	Y
14432	EASTERN NAZARENE COLL	QUINCY	25 E	21	16.0-	Y	Y	Y
14433	EMERSON COLL	BOSTON	58	75	29.3	Y	Y	Y
14434	EMMANUEL COLL	BOSTON	27	27 L	0.0	Y	N	N
14435	ENDICOTT COLL	BEVERLY	30	54	80.0	Y	Y	Y
14437	FISHER JR COLL	BOSTON	17	17 E	0.0	Y	Y	Y
14480C	FITCHBURG STATE COLL	FITCHBURG	22	15	31.8-	Y	Y	Y
14480D	FRAMINGHAM STATE COLL	FRAMINGHAM	25	28 E	12.0	Y	Y	Y
14439	FRANKLIN INST OF BOSTON	BOSTON	40	27	32.5-	Y	Y	Y
14441	GORDON COLL	WENHAM	24	15 E	37.5-	Y	Y	Y
14460D	GREENFIELD CMTY COLL	GREENFIELD	11	22	100.0	Y	Y	Y
14443	HAMPSHIRE COLL	AMHERST	50	58	16.0	Y	Y	Y
14444	HARVARD UNIV	CAMBRIDGE	2,059	2,014	2.2-	Y	Y	Y
14445	HEBREW COLL	BROOKLINE	17	17	0.0	Y	Y	Y
14446	HELLENIC COLL	BROOKLINE	20	26	30.0	Y	N	N
14447	HOLY CROSS, COLL OF THE	WORCESTER	12	8	33.3-	Y	Y	Y
14460E	HOLYOKE CMTY COLL	HOLYOKE	5	4	20.0-	Y	Y	Y
14449	LASELL JR COLL	NEWTON	33	23	30.3-	Y	Y	Y
14451	LESLEY COLL	CAMBRIDGE	124	124 L	0.0	Y	N	N
14452	LOWELL, UNIV OF	LOWELL	502	386	23.1-	Y	N	N
14452U	LOWELL-UNDERGRAD, UNIV OF	LOWELL	N	0		Y	N	N
14556	MARIAN COURT JR COLL	SWAMPSCOTT	0	0		Y	N	N
14490	MASS AMHERST CAMPUS,U OF	AMHERST	1,462	1,559	6.6	Y	Y	Y
14460F	MASS BAY CMTY COLL	WELLESLEY HILLS	55	90 E	63.6	Y	N	N
14490B	MASS BOSTON CAMPUS, U OF	BOSTON	295 E	375 E	27.1	Y	N	N
14457	MASS C PHARMCY & HLTH SCI	BOSTON	169 E	185	9.5	Y	Y	N
14480F	MASS COLL OF ART	BOSTON	53	39	26.4-	Y	Y	Y
14471	MASS INST OF TECHNOLOGY	CAMBRIDGE	1,837	1,881	2.4	Y	Y	Y
14480G	MASS MARITIME ACADEMY	BOURNE	18	35	94.4	Y	Y	Y
14557	MASS SCH PROF PSYCHOLOGY	DEDHAM	1	3	200.0	Y	Y	Y
14460G	MASSASOIT CMTY COLL	BROCKTON	15	27	80.0	Y	Y	Y
14491	MERRIMACK COLL	NORTH ANDOVER	33	16	51.5-	Y	Y	Y
14460H	MIDDLESEX CMTY COLL	BEDFORD	0	0		Y	N	N
14492	MOUNT HOLYOKE COLL	SOUTH HADLEY	125	151	20.8	Y	Y	Y
14493	MOUNT IDA COLL	NEWTON CENTRE	35	45	28.6	Y	N	N
14460I	MOUNT WACHUSETT CMTY COLL	GARDNER	10	15	50.0	Y	Y	Y
14456	NEW ENG COLL OF OPTOMETRY	BOSTON	30	24	20.0-	Y	Y	Y
14494	NEW ENG CONSV OF MUSIC	BOSTON	125 E	150 E	20.0	Y	N	N
14550	NEW ENG INST ARTS & SCI	BOSTON	2	1	50.0-	Y	Y	Y
14546	NEWBURY COLL	BOSTON	84	72	14.3-	Y	Y	Y
14500	NICHOLS COLL	DUDLEY	6	9	50.0	Y	Y	Y
14480H	NORTH ADAMS STATE COLL	NORTH ADAMS	18	6	66.7-	Y	Y	Y
14460J	NORTH SHORE CMTY COLL	BEVERLY	37	41	10.8	Y	Y	N
14502	NORTHEASTERN UNIV	BOSTON	2,000 E	2,099 E	5.0	Y	Y	N
14460K	NORTHERN ESSEX CMTY COLL	HAVERHILL	28	29	3.6	Y	Y	Y
14504	OUR LADY OF ELMS, COLL OF	CHICOPEE	2	6	200.0	Y	Y	Y
14507	PINE MANOR COLL	CHESTNUT HILL	94	106	12.8	Y	Y	Y
14509	QUINCY JR COLL	QUINCY	20	51	155.0	Y	Y	Y
14460L	QUINSIGAMOND CMTY COLL	WORCESTER	24	24	0.0	Y	Y	Y
14511	REGIS COLL	WESTON	33	29	12.1-	Y	Y	Y
144600	ROXBURY CMTY COLL	BOSTON	116	110	5.2-	Y	N	N
14480I	SALEM STATE COLL	SALEM	71 E	61	14.1-	Y	Y	Y
14516	SIMMONS COLL	BOSTON	99	95	4.0-	Y	Y	Y
14535	SIMON'S ROCK OF BARD COLL	GREAT BARRINGTN	6	2	66.7-	Y	Y	Y
14517	SMITH COLL	NORTHAMPTON	188	203	8.0	Y	Y	N
14518	SOUTHEASTERN MASS UNIV	N DARTMOUTH	134 E	137 E	2.2	Y	Y	N
14519	SPRINGFIELD COLL	SPRINGFIELD	61	60	1.6-	Y	Y	Y
14460M	SPRINGFIELD TECHNICAL CC	SPRINGFIELD	35	39	11.4	Y	Y	Y
14514	ST HYACINTH COLL & SEM	GRANBY	4	4	0.0	Y	Y	Y
14515	ST JOHN'S SEM	BRIGHTON	1	3	200.0	Y	Y	Y
14521	STONEHILL COLL	NORTH EASTON	14	15	7.1	Y	Y	Y
14522	SUFFOLK UNIV	BOSTON	184	174 E	5.4-	Y	N	N
14524A	TUFTS FLTCHR LAW& DIPLMCY	MEDFORD	94	104	10.6	Y	Y	Y
14524	TUFTS UNIV	MEDFORD	587	747	27.3	Y	Y	N
14561	WANG INST OF GRAD STUDIES	TYNGSBORO	5	M				

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14525	WELLESLEY COLL	WELLESLEY	110	121	10.0	Y Y Y
14526	WENTWORTH INST TECHNOLOGY	BOSTON	285	265	7.0-	Y Y Y
14527	WESTERN NEW ENGLAND COLL	SPRINGFIELD	78	64	17.9-	Y Y Y
14480J	WESTFIELD STATE COLL	WESTFIELD	23	8	65.2-	Y Y N
14528	WHEATON COLL	NORTON	29	39 E	34.5	Y N N
14529	WHEELOCK COLL	BOSTON	14	15	7.1	Y Y Y
14530	WILLIAMS COLL	WILLIAMSTOWN	69	64	7.2-	Y Y Y
14534	WORCESTER POLY INST	WORCESTER	328	281 E	14.3-	Y N N
14480K	WORCESTER STATE COLL	WORCESTER	47	58	23.4	Y Y N
	TOTAL MASSACHUSETTS		18,227	18,946	3.9	
	MICHIGAN					
34400	ADRIAN COLL	ADRIAN	6	9	50.0	Y Y Y
34401	ALBION COLL	ALBION	14	17	21.4	Y Y Y
34402	ALMA COLL	ALMA	3	4	33.3	Y Y Y
34403	ALPENA CMTY COLL	ALPENA	1	5	400.0	Y Y Y
34404	ANDREWS UNIV	BERRIEN SPRINGS	443	435	1.8-	Y Y Y
34405	AQUINAS COLL	GRAND RAPIDS	12	14	16.7	Y Y Y
34502	BAKER JR COLL OF BUSINESS	FLINT	3 E	4 E	33.3	Y N N
34406	BAY DE NOC CMTY COLL	ESCANABA	2	2	0.0	Y Y Y
34407	CALVIN COLL	GRAND RAPIDS	378	54	85.7-	Y N N
34409	CENTRAL MICHIGAN UNIV	MT PLEASANT	198	182	8.1-	Y Y Y
34426	CHARLES S MOTT CMTY COLL	FLINT	15	8	46.7-	Y Y Y
34411	CLEARY COLL	YPSILANTI	5	14	180.0	Y Y Y
34412	CONCORDIA COLL	ANN ARBOR	10	11	10.0	Y Y Y
34413	CRANBROOK ACAD OF ART	BLOOMFLD HILLS	20	14	30.0-	Y Y Y
34498	CTR FOR CREATIVE STUDIES	DETROIT	27	34	25.9	Y Y Y
34499	CTR HUMANISTIC STUDIES	DETROIT	0	0		Y N N
34414	DAVENPORT COLL	GRAND RAPIDS	2	1	50.0-	Y Y Y
34415	DELTA COLL	UNIV CENTER	26	17	34.6-	Y N N
34490	DETROIT COLL OF BUSINESS	DEARBORN	1	1	0.0	Y Y Y
34420	DETROIT, UNIV OF	DETROIT	463 E	418 E	9.7-	Y Y N
34422	EASTERN MICHIGAN UNIV	YPSILANTI	1,036	1,090	5.2	Y Y N
34424	FERRIS STATE COLL	BIG RAPIDS	124	165	33.1	Y Y Y
34491	GLEN OAKS CMTY COLL	CENTREVILLE	4	3	25.0-	Y Y Y
34425	GMI ENGR & MGMT INST	FLINT	305	244	20.0-	Y Y Y
34427	GOGEBIC CMTY COLL	IRONWOOD	2	1	50.0-	Y Y Y
34492	GRACE BIBLE COLL	GRAND RAPIDS	3	4	33.3	Y Y Y
34428	GRAND RAPIDS BAPT C & SEM	GRAND RAPIDS	21	20	4.8-	Y Y Y
34429	GRAND RAPIDS JR COLL	GRAND RAPIDS	6 E	10	66.7	Y Y Y
34430	GRAND VALLEY STATE COLL	ALLENDALE	15	20	33.3	Y Y Y
34432	HENRY FORD CMTY COLL	DEARBORN	18	22	22.2	Y Y Y
34433	HIGHLAND PARK CMTY COLL	HIGHLAND PARK	27	46	70.4	Y Y Y
34434	HILLSDALE COLL	HILLSDALE	14	14	0.0	Y Y Y
34435	HOPE COLL	HOLLAND	48 E	51	6.3	Y Y Y
34436	JACKSON CMTY COLL	JACKSON	0	2	**	Y Y Y
34437	KALAMAZOO COLL	KALAMAZOO	44	58	31.8	Y Y Y
34438	KALAMAZOO VALLEY CC	KALAMAZOO	116	126	8.6	Y Y Y
34439	KELLOGG CMTY COLL	BATTLE CREEK	29	50 E	72.4	Y N N
34503	KENDALL SCH OF DESIGN	GRAND RAPIDS	3	3	0.0	Y N N
34440	KIRTLAND CMTY COLL	ROSCOMMON	0	0		Y N N
34441	LAKE MICHIGAN COLL	BENTON HARBOR	26	13	50.0-	Y Y Y
34442	LAKE SUPERIOR STATE COLL	SAULT ST MARIE	545	585	7.3	Y Y Y
34443	LANSING CMTY COLL	LANSING	164	171 E	4.3	Y Y Y
34444	LAWRENCE INST TECHNOLOGY	SOUTHFIELD	150	125	16.7-	Y N N
34500	LEWIS COLL OF BUSINESS	DETROIT	0	1	**	Y Y Y
34445B	MACOMB CMTY COLL	WARREN	31	33	6.5	Y Y Y
34446	MADONNA COLL	LIVONIA	41	52	26.8	Y N N
34448	MARYGROVE COLL	DETROIT	5	5	0.0	Y Y Y
34449	MERCY COLL OF DETROIT	DETROIT	15	6	60.0-	Y Y Y
34451	MICHIGAN CHRISTIAN COLL	ROCHESTER HILLS	3	5	66.7	Y Y Y
34452	MICHIGAN STATE UNIV	EAST LANSING	2,051	2,148	4.7	Y Y Y
34453	MICHIGAN TECHNOLOGICAL U	HOUGHTON	250	283	13.2	Y Y Y
34454	MICHIGAN-ANN ARBOR, U OF	ANN ARBOR	2,449	2,446	0.1-	Y Y Y
34454B	MICHIGAN-DEARBORN, U OF	DEARBORN	12 E	54	350.0	Y Y Y

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34454C	MICHIGAN-FLINT, UNIV OF	FLINT	12	9	25.0-	Y	Y	Y
34497	MID MICHIGAN CMTY COLL	HARRISON	1	3	200.0	Y	Y	Y
34455	MONROE COUNTY CMTY COLL	MONROE	6	20	233.3	Y	Y	Y
34456	MONTCALM CMTY COLL	SIDNEY	0	0		Y	N	N
34457	MUSKEGON CMTY COLL	MUSKEGON	4	5	25.0	Y	Y	Y
34458	NAZARETH COLL	KALAMAZOO	6	2	66.7-	Y	N	N
34459	NORTH CENTRAL MICH COLL	PETOSKEY	3	1	66.7-	Y	N	N
34460	NORTHERN MICHIGAN UNIV	MARQUETTE	76	74	2.6-	Y	Y	Y
34461	NORTHWESTERN MICH COLL	TRAVERSE CITY	13	20	53.8	Y	Y	Y
34462	NORTHWOOD INST	MIDLAND	49	45 E	8.2-	Y	N	N
34463Y	OAKLAND CMTY COLL	BLOOMFLD HILLS	85	72	15.3-	Y	Y	Y
34464	OAKLAND UNIV	ROCHESTER	81	86	6.2	Y	Y	Y
34465	OLIVET COLL	OLIVET	4	6	50.0	Y	Y	Y
34468	SACRED HEART SEM COLL	DETROIT	0	0		Y	N	N
34469	SAGINAW VALLEY STATE COLL	UNIV CENTER	28	38	35.7	Y	Y	Y
34474	SCHOOLCRAFT COLL	LIVONIA	10	14	40.0	Y	Y	Y
34476	SIENA HEIGHTS COLL	ADRIAN	16	13	18.8-	Y	Y	Y
34477	SOUTHWESTERN MICH COLL	DOWAGIAC	22	36	63.6	Y	Y	Y
34478	SPRING ARBOR COLL	SPRING ARBOR	21	12	42.9-	Y	Y	Y
34471	ST CLAIR COUNTY CMTY COLL	PORT HURON	31	22	29.0-	Y	Y	Y
34504	ST JOHN'S PROVINCIAL SEM	PLYMOUTH	3	0	100.0-	Y	N	N
34473	ST MARY'S COLL	ORCHARD LAKE	8	9	12.5	Y	Y	Y
34479	SUOMI COLL	HANCOCK	11	11	0.0	Y	Y	Y
34495	WALSH COLL	TROY	7	8	14.3	Y	Y	Y
34480	WASHTENAW CMTY COLL	ANN ARBOR	68	46	32.4-	Y	N	N
34488	WAYNE COUNTY CMTY COLL	DETROIT	195	148	24.1-	Y	N	N
34482	WAYNE STATE UNIV	DETROIT	1,220	1,332	9.2	Y	Y	Y
34483	WEST SHORE CMTY COLL	SCOTTVILLE	0	0		Y	N	N
34434	WESTERN MICHIGAN UNIV	KALAMAZOO	1,053	1,039	1.3-	Y	Y	Y
	TOTAL MICHIGAN		12,219	12,171	0.4-			
	MINNESOTA							
41401	ALEXANDRIA AREA VOC TECH	ALEXANDRIA	1	4	300.0	Y	Y	Y
41400	ANOKA-RAMSEY CMTY COLL	COON RAPIDS	8	10	25.0	Y	Y	Y
41417	ARROWHEAD CMTY C-HIBBING	HIBBING	1	1	0.0	Y	Y	Y
41402	AUGSBURG COLL	MINNEAPOLIS	55	60	9.1	Y	Y	Y
41403	AUSTIN CMTY COLL	AUSTIN	2	7	250.0	Y	Y	Y
41404	BEMIDJI STATE UNIV	BEMIDJI	44	51	15.9	Y	Y	Y
41405	BETHANY LUTHERAN COLL	MANKATO	2	1	50.0-	Y	Y	Y
41406	BETHEL COLL	SAINT PAUL	11	0	100.0-	Y	N	N
41406A	BETHEL THEOLOGICAL SEM	SAINT PAUL	13	16	23.1	Y	Y	Y
41407	BRAINERD CMTY COLL	BRAINERD	1	1	0.0	Y	Y	Y
41408	CARLETON COLL	NORTHFIELD	13	14	7.7	Y	Y	Y
41409	CONCORDIA COLL MOORHEAD	MOORHEAD	74	81	9.5	Y	Y	Y
41410	CONCORDIA COLL SAINT PAUL	SAINT PAUL	66	69	4.5	Y	Y	Y
41412	CROSIER SEM JR COLL	ONAMIA	1	C				
41413	DR MARTIN LUTHER COLL	NEW ULM	2	1	50.0-	Y	Y	Y
41414	FERGUS FALLS CMTY COLL	FERGUS FALLS	9	9	0.0	Y	Y	Y
41415	GUSTAVUS ADOLPHUS COLL	SAINT PETER	34	43	26.5	Y	Y	Y
41416	HAMLINE UNIV	SAINT PAUL	27	34	25.9	Y	Y	Y
41418	INVER HILLS CMTY COLL	INVER GROVE HTS	8	10	25.0	Y	Y	Y
41419	ITASCA CMTY C-ARROWHEAD	GRAND RAPIDS	0	2	**	Y	Y	Y
41420	LAKEWOOD CMTY COLL	WHITE BEAR LAKE	7	10	42.9	Y	Y	N
41473	LUTHER NTHWSTN THEOL SEM	SAINT PAUL	17	18	5.9	Y	Y	Y
41423	MACALESTER COLL	SAINT PAUL	174	156	10.3-	Y	Y	N
41424	MANKATO STATE UNIV	MANKATO	519	510	1.7-	Y	Y	N
41430C	MAYO GRAD SCH OF MEDICINE	ROCHESTER	154	150 E	2.6-	Y	N	N
41472	MAYO MEDICAL SCH	ROCHESTER	0	0		Y	N	N
41426	MESABI CMTY COLL	VIRGINIA	2	4	100.0	Y	Y	Y
41471	METROPOLITAN STATE UNIV	SAINT PAUL	2	15 E	650.0	Y	N	N
41430B	MINN DULUTH, UNIV OF	DULUTH	175	156	10.9-	Y	Y	Y
41430D	MINN MORRIS, UNIV OF	MORRIS	28	14	50.0-	Y	N	N
41430F	MINN TECH C-CROOKSTON, U	CROOKSTON	14	11	21.4-	Y	Y	Y
41430E	MINN TECH C-WASECA, U OF	WASECA	2	3	50.0	Y	Y	Y
41430	MINN TWIN CITIES, UNIV OF	MINNEAPOLIS	2,624	2,514	4.2-	Y	Y	Y

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						S1	S2	S3
41428	MINNEAPOLIS C ART DESIGN	MINNEAPOLIS	13	15	15.4	Y	Y	Y
41427	MINNEAPOLIS CMTY COLL	MINNEAPOLIS	84	111	32.1	Y	Y	N
41440	MOORHEAD STATE UNIV	MOORHEAD	103	107	3.9	Y	Y	Y
41441	NORMANDALE CMTY COLL	BLOOMINGTON	23	25	8.7	Y	Y	Y
41442	NORTH CENTRAL BIBLE COLL	MINNEAPOLIS	18	30	66.7	Y	Y	Y
41443	NORTH HENNEPIN CMTY COLL	MINNEAPOLIS	22	25	13.6	Y	Y	Y
41469	NORTHLAND CMTY COLL	THIEF RIVER FLS	0	0		Y	N	N
41466	NORTHWESTERN COLL	ROSEVILLE	6	4	33.3-	Y	Y	Y
41445	RAINY RIVER CMTY COLL	INT'L FALLS	139 E	114	18.0-	Y	Y	Y
41446	ROCHESTER CMTY COLL	ROCHESTER	35 E	40 E	14.3	Y	N	N
41459	SOUTHWEST STATE UNIV	MARSHALL	26	22	15.4-	Y	Y	N
41447	ST BENEDICT, COLL OF	SAINT JOSEPH	47	43	8.5-	Y	Y	Y
41448	ST CATHERINE, COLL OF	SAINT PAUL	131	143	9.2	Y	Y	Y
41452	ST CATHERINE-ST MARY'S, C	MINNEAPOLIS	0	0		Y	N	N
41449	ST CLOUD STATE UNIV	SAINT CLOUD	156	127 E	18.6-	Y	Y	Y
41450	ST JOHN'S UNIV	COLLEGEVILLE	39	45	15.4	Y	Y	Y
41451	ST MARY'S COLL	WINONA	4	9	125.0	Y	Y	Y
41453	ST OLAF COLL	NORTHFIELD	51	54	5.9	Y	Y	Y
41454	ST PAUL BIBLE COLL	BIBLE COLLEGE	7	4	42.9-	Y	Y	Y
41455	ST PAUL SEM	SAINT PAUL	2	M				
41474	ST PAUL TECHNICAL INST	SAINT PAUL		5 F	**	Y	Y	Y
41456	ST SCHOLASTICA, COLL OF	DULUTH	6	5	16.7-	Y	Y	Y
41457	ST TERESA, COLL OF	WINONA	3	1	66.7-	Y	Y	Y
41458	ST THOMAS, COLL OF	SAINT PAUL	45	51	13.3	Y	Y	Y
41460	UNITED THEOLOGICAL SEM	NEW BRIGHTON	2	4	100.0	Y	Y	Y
41461	VERMILION CMTY COLL	ELY	0	1	**	Y	Y	Y
41463	WILLMAR CMTY COLL	WILLMAR	1	2	100.0	Y	Y	Y
41464	WINONA STATE UNIV	WINONA	103	125	21.4	Y	Y	Y
41465	WORTHINGTON CMTY COLL	WORTHINGTON	1	2	100.0	Y	Y	Y
	TOTAL MINNESOTA		5,157	5,089	1.3-			
	MISSISSIPPI							
64400	ALCORN STATE UNIV	LORMAN	10	24	140.0	Y	Y	N
64401	BELHAVEN COLL	JACKSON	21	18	14.3-	Y	Y	Y
64402	BLUE MOUNTAIN COLL	BLUE MOUNTAIN	2	1	50.0-	Y	Y	Y
64403	CLARKE COLL	NEWTON	0	0		Y	N	N
64404	COAHOMA JR COLL	CLARKSDALE	N	0		Y	N	N
64405	COPIAH-LINCOLN JR COLL	WESSON	0	1	**	Y	Y	Y
64406	DELTA STATE UNIV	CLEVELAND	8	6	25.0-	Y	N	N
64407	EAST CENTRAL JR COLL	DECATUR	0	0		Y	N	N
64408	EAST MISSISSIPPI JR COLL	SCOOBA	0	0		Y	N	N
64410	HINDS CMTY COLL	RAYMOND	5	6	20.0	Y	Y	Y
64411	HOLMES JR COLL	GOODMAN	0	0		Y	N	N
64412	ITAWAMBA JR COLL	FULTON	7	6	14.3-	Y	Y	N
64413	JACKSON STATE UNIV	JACKSON	160	100 E	37.5-	Y	N	N
64414	JONES COUNTY JR COLL	ELLISVILLE	0	0		Y	N	N
64415	MARY HOLMES COLL	WEST POINT	0	0		Y	N	N
64416	MERIDIAN JR COLL	MERIDIAN	9	1	88.9-	Y	Y	Y
64417	MILLSAPS COLL	JACKSON	9	11	22.2	Y	Y	Y
64420A	MISS GULF CST JC JACKSON	GAUTIER	0	1	**	Y	Y	Y
64420C	MISS GULF CST JC PERKNSTN	PERKINSTON	10	6	40.0-	Y	N	N
64420B	MISS GULF CST JEFF DAVIS	GULFPORT	8	8	0.0	Y	Y	N
64418	MISSISSIPPI COLL	CLINTON	6	0	100.0-	Y	N	N
64419	MISSISSIPPI DELTA JR COLL	MOORHEAD	0	0		Y	N	N
64424	MISSISSIPPI MAIN CAM, U OF	UNIVERSITY	484	454	6.2-	Y	Y	Y
64424A	MISSISSIPPI MED CTR, U OF	JACKSON	28	31	10.7	Y	Y	Y
64423	MISSISSIPPI STATE UNIV	MS STATE	491	544	10.8	Y	Y	N
64422	MISSISSIPPI U FOR WOMEN	COLUMBUS	0	13	**	Y	N	N
64425	MISSISSIPPI VLY STATE U	ITTA BENA	2	2	0.0	Y	N	N
64427	NORTHEAST MISS JR COLL	BOONEVILLE	1	1	0.0	Y	Y	Y
64428	NORTHWEST MISS JR COLL	SENATOBIA	6	7	16.7	Y	N	N
64429	PEARL RIVER JR COLL	POPLARVILLE	1	1	0.0	Y	Y	Y
64441	REFORMED THEOLOGICAL SEM	JACKSON	27	27	0.0	Y	Y	Y
64431	RUST COLL	HOLLY SPRINGS	21	16	23.8-	Y	Y	Y
64434	SOUTHERN MISSISSIPPI, U OF	HATTIESBURG	343	305	11.1-	Y	Y	Y

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64435	SOUTHWEST MISS JR COLL	SUMMIT	0	0		Y	N	N
64436	TOUGALOO COLL	TOUGALOO	7	4	42.9-	Y	N	N
64437	UTICA JR COLL	UTICA	0	0		Y	N	N
64439	WILLIAM CAREY COLL	HATTIESBURG	15	32	113.3	Y	Y	Y
64440	WOOD JR COLL	MATHISTON	16	13	18.8-	Y	Y	Y
	TOTAL MISSISSIPPI		1,697	1,639	3.6-			
	MISSOURI							
43497	AQUINAS INST OF THEOLOGY	SAINT LOUIS	4	4	0.0	Y	Y	Y
43491	ASSEMBLIES GOD THEO SEM	SPRINGFIELD	9	8	11.1-	Y	Y	Y
43400	AVILA COLL	KANSAS CITY	20	22	10.0	Y	Y	Y
43403	CARDINAL GLENNON COLL	SAINT LOUIS	0	C				
43406	CENTRAL METHODIST COLL	FAYETTE	15	13	13.3-	Y	N	N
43407	CENTRAL MISSOURI ST UNIV	WARRENSBURG	295	268	9.2-	Y	Y	Y
43495	CLEVELAND CHIRPRACTC COLL	KANSAS CITY	13	10	23.1-	Y	N	N
43408	COLUMBIA COLL	COLUMBIA	22	13	40.9-	Y	N	N
43420	CONCEPTION SEM COLL	CONCEPTION	0	1	**	Y	Y	Y
43409	CONCORDIA SEM	SAINT LOUIS	13	17	30.8	Y	Y	Y
43410	COTTEY COLL	NEVADA	22	25	13.6	Y	Y	Y
43488	COVENANT THEOLOGICAL SEM	SAINT LOUIS	8	12	50.0	Y	Y	Y
43411	CROWDER COLL	NEOSHO	2	6	200.0	Y	Y	Y
43412	CULVER-STOCKTON COLL	CANTON	1	5	400.0	Y	Y	Y
43405	DEVRY INST OF TECHNOLOGY	KANSAS CITY	10 F	11	10.0	Y	N	N
43413	DRURY COLL	SPRINGFIELD	20	21	5.0	Y	Y	Y
43414	EAST CENTRAL COLL	UNION	3	3	0.0	Y	Y	Y
43415	EDEN THEOLOGICAL SEM	WEBSTER GROVES	3	4	33.3	Y	Y	Y
43416	EVANGEL COLL	SPRINGFIELD	29	28	3.4-	Y	Y	Y
43418	FONTBONNE COLL	SAINT LOUIS	38	53	39.5	Y	Y	Y
43483	HANNIBAL-LAGRANGE COLL	HANNIBAL	0	2	**	Y	Y	Y
43419	HARRIS STOWE STATE COLL	SAINT LOUIS	41	41	0.0	Y	Y	Y
43498	INTERNATIONAL GRAD SCH	SAINT LOUIS	10	0	100.0-	Y	N	N
43421	JEFFERSON COLL	HILLSBORO	6	4	33.3-	Y	Y	Y
43423	KANSAS CITY ART INST	KANSAS CITY	8	7	12.5-	Y	Y	Y
43425	KEMPER MILITARY SCH &COLL	BOONVILLE	1	2	100.0	Y	Y	Y
43426	KENRICK SEM	SAINT LOUIS	1	1	0.0	Y	Y	Y
43428	LINCOLN UNIV	JEFFRSON CITY	128	98	23.4-	Y	N	N
43429	LINDENWOOD COLL	SAINT CHARLES	28	18	35.7-	Y	N	N
43487	LOGAN COLL CHIROPRACTIC	CHESTERFIELD	14	21	50.0	Y	Y	Y
43422A	LONGVIEW CMTY COLL	LEE'S SUMMIT	11	13	18.2	Y	Y	Y
43422B	MAPLE WOODS CMTY COLL	KANSAS CITY	7	7	0.0	Y	Y	Y
43431	MARYVILLE COLL	SAINT LOUIS	62	50 E	19.4-	Y	N	N
43433	MIDWESTERN BAPT THEOL SEM	KANSAS CITY	11	7	36.4-	Y	Y	Y
43434	MINERAL AREA COLL	FLAT RIVER	0	0		Y	N	N
43484	MISSOURI BAPTIST COLL	SAINT LOUIS	24	39	62.5	Y	Y	Y
43440	MISSOURI COLUMBIA, U OF	COLUMBIA	1,412	1,470	4.1	Y	Y	N
43440B	MISSOURI KANSAS CITY,U OF	KANSAS CITY	300	343	14.3	Y	Y	N
43440D	MISSOURI ROLLA, UNIV OF	ROLLA	462	470	1.7	Y	Y	Y
43440E	MISSOURI ST LOUIS, U OF	SAINT LOUIS	138	187	35.5	Y	Y	N
43438	MISSOURI STHN STATE COLL	JOPLIN	15	10	33.3-	Y	Y	Y
43450	MISSOURI VALLEY COLL	MARSHALL	11	9	18.2-	Y	Y	Y
43451	MISSOURI WESTERN ST COLL	SAINT JOSEPH	7	9	28.6	Y	Y	Y
43452	MOBERLY AREA JR COLL	MOBERLY	15	11	26.7-	Y	Y	Y
43455	NTHEST MISSOURI STATE U	KIRKSVILLE	221	231	4.5	Y	Y	Y
43456	NTHWST MISSOURI STATE U	MARYVILLE	210	221	5.2	Y	N	N
43459	OZARKS, SCH OF THE	POINT LOOKOUT	25	26	4.0	Y	Y	Y
43460	PARK COLL	KANSAS CITY	59	33	44.1-	Y	Y	N
43422C	PENN VALLEY CMTY COLL	KANSAS CITY	188	205	9.0	Y	Y	Y
43493	PIONEER CMTY COLL	KANSAS CITY	0	M				
43499	PLATT COLL-ST JOSEPH	SAINT JOSEPH	0	0		Y	N	N
43501	RESEARCH COLL OF NURSING	KANSAS CITY	1 F	0	100.0-	Y	N	N
43461	ROCKHURST COLL	KANSAS CITY	23	25	8.7	Y	Y	Y
43462A	ST LOUIS CC FLORISSNT VLY	SAINT LOUIS	9	13	44.4	Y	Y	Y
43462B	ST LOUIS CC FOREST PARK	SAINT LOUIS	19	18	5.3-	Y	Y	Y
43462C	ST LOUIS CC MERAMEC	KIRKWOOD	25	31	24.0	Y	Y	Y
43463	ST LOUIS COLL OF PHARMACY	SAINT LOUIS	7	6	14.3-	Y	Y	Y

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43465	ST LOUIS UNIV MAIN CAMPUS	SAINT LOUIS	549	602	9.7	Y	Y	N
43466	ST MARY'S COLL O'FALLON	O'FALLON	0	1	**	Y	Y	Y
43469	ST PAUL SCH OF THEOLOGY	KANSAS CITY	3	3	0.0	Y	Y	Y
43489	STATE FAIR CMTY COLL	SEDALIA	1	1	0.0	Y	Y	Y
43473	STEPHENS COLL	COLUMBIA	10	4	60.0-	Y	Y	Y
43470	STHEST MISSOURI STATE U	CAPE GIRARDEAU	319	325	1.9	Y	Y	N
43471	STHWST BAPTIST UNIV	BOLIVAR	60	67	11.7	Y	Y	Y
43472	STHWST MISSOURI STATE U	SPRINGFIELD	96	97 E	1.0	Y	N	N
43474	TARKIO COLL	TARKIO	17	15	11.8-	Y	Y	Y
43475	THREE RIVERS CMTY COLL	POPLAR BLUFF	0	0		Y	N	N
43476	TRENTON JR COLL	TRENTON	0	0		Y	N	N
43477	WASHINGTON UNIV	SAINT LOUIS	721	773	7.2	Y	Y	Y
43478	WEBSTER UNIV	SAINT LOUIS	147	147 L	0.0	Y	N	N
43479	WENTWORTH MILITARY ACAD	LEXINGTON	7	20 E	185.7	Y	Y	Y
43480	WESTMINSTER COLL	FULTON	7	6	14.3-	Y	N	N
43481	WILLIAM JEWELL COLL	LIBERTY	10	9	10.0-	Y	Y	Y
43482	WILLIAM WOODS COLL	FULTON	3	1	66.7-	Y	Y	Y
	TOTAL MISSOURI		5,976	6,223	4.1			
	MONTANA							
81414	BLACKFEET CMTY COLL	BROWNING	0	0		Y	N	N
81400	CARROLL COLL	HELENA	24	24	0.0	Y	Y	Y
81401	DAWSON CMTY COLL	GLENDIVE	1	2	100.0	Y	Y	Y
81415	DULL KNIFE MEMORIAL COLL	LAME DEER	0	0		Y	N	N
81402	EASTERN MONTANA COLL	BILLINGS	6	11	83.3	Y	N	N
81403	FLATHEAD VALLEY CMTY COLL	KALISPELL	0	0		Y	N	N
81404	GREAT FALLS, COLL OF	GREAT FALLS	18	15	16.7-	Y	Y	Y
81405	MILES CMTY COLL	MILES CITY	4	2	50.0-	Y	Y	Y
81406	MONTANA C MINRL SCI&TECHN	BUTTE	111	97	12.6-	Y	Y	Y
81407	MONTANA STATE UNIV	BOZEMAN	223 E	230	3.1	Y	Y	Y
81408	MONTANA, UNIV OF	MISSOULA	230	223	3.0-	Y	Y	Y
81409	NORTHERN MONTANA COLL	HAVRE	11 L	13	18.2	Y	N	N
81411	ROCKY MOUNTAIN COLL	BILLINGS	20	24	20.0	Y	Y	Y
81416	SALISH KOOTENAI COLL	PABLO	0	1	**	Y	Y	Y
81412	WESTERN MONTANA COLL	DILLON	2	1	50.0-	Y	Y	Y
	TOTAL MONTANA		650	643	1.1-			
	NEBRASKA							
46400	BELLEVUE COLL	BELLEVUE	37	24	35.1-	Y	Y	Y
46425	CENTRAL CMTY COLL	HASTINGS	4	2	50.0-	Y	Y	Y
46401	CHADRON STATE COLL	CHADRON	14	11	21.4-	Y	Y	Y
46402	CONCORDIA COLL	SEWARD	12	11	8.3-	Y	Y	Y
46403	CREIGHTON UNIV	OMAHA	204	183	10.3-	Y	Y	Y
46404	DANA COLL	BLAIR	7	12	71.4	Y	Y	Y
46405	DOANE COLL	CRETE	49	64	30.6	Y	Y	Y
46408	HASTINGS COLL	HASTINGS	5	2	60.0-	Y	Y	Y
46410	KEARNEY STATE COLL	KEARNEY	121	119	1.7-	Y	Y	Y
46424	METROPOLITAN TECHNICAL CC	OMAHA	8	13	62.5	Y	Y	Y
46412	MID PLAINS CC-MCCOOK	MCCOOK	6	5	16.7-	Y	Y	Y
46417	MID PLAINS CC-NO PLATTE	NORTH PLATTE	1	0	100.0-	Y	N	N
46413	MIDLAND LUTHERAN COLL	FREMONT	8	8	0.0	Y	Y	Y
46429	NEBRASKA INDIAN CMTY COLL	WINNEBAGO	0	0		Y	N	N
46414	NEBRASKA LINCOLN, UNIV OF	LINCOLN	1,017	957	5.9-	Y	Y	Y
46414A	NEBRASKA MEDICAL CTR, U	OMAHA	40	40	0.0	Y	Y	Y
46414B	NEBRASKA OMAHA, UNIV OF	OMAHA	263	242	8.0-	Y	Y	Y
46415	NEBRASKA WESLEYAN UNIV	LINCOLN	25	19	24.0-	Y	Y	Y
46416	NEBRASKA WESTERN COLL	SCOTTSBLUFF	2	1	50.0-	Y	Y	Y
46418	NORTHEAST TECH CMTY COLL	NORFOLK	0	2	**	Y	Y	Y
46419	PERU STATE COLL	PERU	5	5	0.0	Y	Y	Y
46406	SOUTHEAST CMTY C-BEATRICE	BEATRICE	1	0	100.0-	Y	N	N
46411	SOUTHEAST CMTY C-LINCOLN	LINCOLN	10	9 E	10.0-	Y	Y	Y
46406A	SOUTHEAST CMTY C-MILFORD	MILFORD	4	6	50.0	Y	Y	Y
46420	ST MARY, COLL OF	OMAHA	4	4	0.0	Y	Y	Y

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						S1	S2	S3
46421	UNION COLL	LINCOLN	62	46	25.8-	Y	Y	Y
46422	WAYNE STATE COLL	WAYNE	11	7	36.4-	Y	Y	Y
46431	WESTERN NEBRASKA TECH C	SIDNEY	0 F	1	**	Y	Y	Y
46430	WESTERN TECH CMTY COLL	SCOTTSBLUFF	0	1	**	Y	Y	Y
46423	YORK COLL	YORK	9	7	22.2-	Y	Y	Y
	TOTAL NEBRASKA		1,929	1,801	6.6-			
	NEVADA							
88400B	CLARK COUNTY CMTY COLL	N LAS VEGAS	17	23	35.3	Y	Y	Y
88400D	NEVADA LAS VEGAS, UNIV OF	LAS VEGAS	141	152	7.8	Y	Y	Y
88400	NEVADA RENO, UNIV OF	RENO	380 E	368	3.2-	Y	Y	N
88400C	NORTHERN NEVADA CMTY COLL	ELKO	0	0		Y	N	N
89411	OLD COLL	RENO	1	C				
89410	SIERRA NEVADA COLL	INCLINE VILLAGE	4	4	0.0	Y	Y	Y
88400F	TRUCKEE MEADOWS CMTY COLL	RENO	45	57	26.7	Y	Y	Y
88400E	WESTERN NEVADA CMTY COLL	CARSON CITY	1	5	400.0	Y	Y	Y
	TOTAL NEVADA		589	609	3.4			
	NEW HAMPSHIRE							
12427	CASTLE JR COLL	WINDHAM	0	1	**	Y	Y	Y
12402	COLBY-SAWYER COLL	NEW LONDON	N	6	**	Y	Y	Y
12408	DANIEL WEBSTER COLL	NASHUA	15	20	33.3	Y	Y	Y
12403	DARTMOUTH COLL	HANOVER	208	244	17.3	Y	Y	Y
12403C	DARTMOUTH MEDICAL SCH	HANOVER		3 F	**	Y	Y	Y
12405	FRANKLIN PIERCE COLL	RINDGE	11	15	36.4	Y	N	N
12407	HAWTHORNE COLL	ANTRIM	7	14	100.0	Y	Y	Y
12418	HESSER COLL	MANCHESTER	9	20	122.2	Y	Y	Y
12412A	KEENE STATE COLL	KEENE	25 E	30	20.0	Y	N	N
12430	LIFELONG LEARNING,SCH FOR	DURHAM	N	0		Y	N	N
12423	MCINTOSH COLL	DOVER	N	N		N	N	N
12409	NEW ENGLAND COLL	HENNIKER	45	36	20.0-	Y	Y	Y
12410	NEW HAMPSHIRE COLL	MANCHESTER	525 E	508	3.2-	Y	Y	Y
12412C	NEW HAMPSHIRE MANCHESTR,U	MANCHESTER	0	0		Y	N	N
12412	NEW HAMPSHIRE, UNIV OF	DURHAM	300 E	315 E	5.0	Y	Y	Y
12422	NH TECHNICAL INST	CONCORD	0	1	**	Y	N	N
12425	NH VOC-TECH C BERLIN	BERLIN	0	0		Y	N	N
12424	NH VOC-TECH C CLAREMONT	CLAREMONT	1	0	100.0-	Y	N	N
12421	NH VOC-TECH C LACONIA	LACONIA	N	1	**	Y	Y	Y
12413	NH VOC-TECH C MANCHESTER	MANCHESTER	3	3	0.0	Y	Y	Y
12426	NH VOC-TECH C NASHUA	NASHUA	0	0		Y	N	N
12414	NH VOC-TECH C STRATHAM	STRATHAM	1	3 E	200.0	Y	Y	Y
12415	NOTRE DAME COLL	MANCHESTER	2	3	50.0	Y	Y	Y
12412B	PLYMOUTH STATE COLL	PLYMOUTH	15 E	20 E	33.3	Y	N	N
12416	RIVIER COLL	NASHUA	19	24	26.3	Y	Y	Y
12417	ST ANSELM'S COLL	MANCHESTER	N	11	**	Y	N	N
12419	WHITE PINES COLL	CHESTER	N	10	**	Y	Y	Y
	TOTAL NEW HAMPSHIRE		1,186	1,288	8.6			
	NEW JERSEY							
22402	ASSUMPTION C FOR SISTERS	MENDHAM	0	0		Y	N	N
22403	ATLANTIC CMTY COLL	MAYS LANDING	40	40	0.0	Y	Y	Y
22405	BERGEN CMTY COLL	PARAMUS	78	84 E	7.7	Y	Y	Y
22461	BERKELEY SCHOOL, THE	LITTLE FALLS	0	0		Y	N	N
22406	BLOOMFIELD COLL	BLOOMFIELD	7	14	100.0	Y	Y	Y
22407	BROOKDALE CMTY COLL	LINCROFT	50	47	6.0-	Y	Y	Y
22408	BURLINGTON COUNTY COLL	PEMBERTON	30	20	33.3-	Y	Y	Y
22409	CALDWELL COLL	CALDWELL	15 E	19	26.7	Y	Y	Y
22410	CAMDEN COUNTY COLL	BLACKWOOD	70	30 E	57.1-	Y	Y	Y
22411	CENTENARY COLL	HACKETTSTOWN	6	12	100.0	Y	Y	Y
22434	COUNTY COLL OF MORRIS	RANDOLPH	52	83	59.6	Y	N	N
22413	CUMBERLAND COUNTY COLL	VINELAND	7	3 E	57.1-	Y	N	N

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22414	DON BOSCO COLL	NEWTON	4	5	25.0	Y	Y	Y
22415	DREW UNIV	MADISON	108	118	9.3	Y	Y	Y
22418	ESSEX COUNTY COLL	NEWARK	190	220	15.8	Y	Y	Y
22419A	FAIRLEGH DCKSN U EDW WMS	HACKENSACK	21	22	4.8	Y	Y	Y
22419B	FAIRLEGH DCKSN U MADISON	MADISON	N	15	**	Y	Y	N
22419	FAIRLEGH DCKSN U RUTHRFRD	RUTHERFORD	808 E	151	81.3-	Y	Y	N
22419C	FAIRLEIGH DCKSN U TEANECK	TEANECK	835	426	49.0-	Y	Y	N
22420	FELICIAN COLL	LODI	12	2	83.3-	Y	Y	Y
22422	GEORGIAN COURT COLL	LAKEWOOD	2	6	200.0	Y	N	N
22423	GLASSBORO STATE COLL	GLASSBORO	84	79	6.0-	Y	Y	Y
22424	GLOUCESTER COUNTY COLL	SEWELL	16	8	50.0-	Y	Y	Y
22469	HUDSON COUNTY CMTY COLL	JERSEY CITY	91	99	8.8	Y	Y	N
22426	IMMACULATE CONCEPTION SEM	SOUTH ORANGE	6	7	16.7	Y	Y	Y
22428	JERSEY CITY STATE COLL	JERSEY CITY	350	358	2.3	Y	N	N
22439	KEAN COLL OF NEW JERSEY	UNION	300 E	300 L	0.0	Y	N	N
22436	MED & DENT OF NJ, UNIV OF	NEWARK	35	66	88.6	Y	Y	Y
22430	MERCER COUNTY CMTY COLL	TRENTON	92	103	12.0	Y	Y	Y
22431	MIDDLESEX COUNTY COLL	EDISON	85	99	16.5	Y	Y	Y
22432	MONMOUTH COLL	W LONG BRANCH	123	172	39.8	Y	Y	N
22433	MONTCLAIR STATE COLL	UPPER MONTCLAIR	159	145 E	8.8-	Y	N	N
22438	NEW JERSEY INST TECHN	NEWARK	1,076 E	1,415 E	31.5	Y	Y	N
22440	NORTHEASTERN BIBLE COLL	ESSEX FELLS	N	7	**	Y	Y	Y
22441	OCEAN COUNTY COLL	TOMS RIVER	6	3	50.0-	Y	Y	Y
22467	PASSAIC COUNTY CMTY COLL	PATERSON	65	75 E	15.4	Y	N	N
22442	PRINCETON THEOLOGICAL SEM	PRINCETON	65	65	0.0	Y	Y	N
22443	PRINCETON UNIV	PRINCETON	695	717	3.2	Y	Y	Y
22444	RAMAPO COLL OF NEW JERSEY	MAHWAH	59	86	45.8	Y	Y	N
22446	RIDER COLL	LAWRENCEVILLE	34	45 E	32.4	Y	N	N
22447A	RUTGERS U CAMDEN CAMPUS	CAMDEN	30 E	44	46.7	Y	Y	Y
22447	RUTGERS U NEW BRUNSWICK	NEW BRUNSWICK	1,326	1,608	21.3	Y	Y	N
22447B	RUTGERS U NEWARK CAMPUS	NEWARK	335	501	49.6	Y	Y	N
22465	SALEM CMTY COLL	CARNEYS POINT	3	6	100.0	Y	Y	Y
22451	SETON HALL UNIV	SOUTH ORANGE	150 E	129 E	14.0-	Y	N	N
22452	SOMERSET COUNTY COLL	SOMERVILLE	27	19	29.6-	Y	Y	Y
22448	ST ELIZABETH, COLL OF	CONVENT STATION	23	28	21.7	Y	Y	Y
22450	ST PETER'S COLL	JERSEY CITY	29	23	20.7-	Y	Y	Y
22453	STEVENS INST TECHNOLOGY	HOBOKEN	450 E	520 E	15.6	Y	N	N
22445	STOCKTON STATE COLL	POMONA	24	38	58.3	Y	Y	Y
22468	THOMAS A EDISON COLL	TRENTON	95	81	14.7-	Y	Y	Y
22455	TRENTON STATE COLL	TRENTON	67	64 E	4.5-	Y	Y	Y
22456	UNION COUNTY COLL	CRANFORD	N	70 E	**	Y	N	N
22457	UPSALA COLL	EAST ORANGE	28	16	42.9-	Y	Y	Y
22458	WESTMINSTER CHOIR COLL	PRINCETON	16	19	18.8	Y	N	N
22459	WILLIAM PATERSON COLL	WAYNE	84	65	22.6-	Y	Y	N
	TOTAL NEW JERSEY		8,363	8,397	0.4			
	NEW MEXICO							
85420	ALBUQUERQUE VOC-TECH INST	ALBUQUERQUE		0 F		Y	N	N
85401	ESTN NEW MEXICO U MAIN	PORTALES	158 E	123 E	22.2-	Y	Y	Y
85401A	ESTN NEW MEXICO U ROSWELL	ROSWELL	4	5	25.0	Y	N	N
85417	INST AMERICAN INDIAN ARTS	SANTA FE	3	3	0.0	Y	Y	Y
85411	NEW MEXICO ALBUQUERQUE, U	ALBUQUERQUE	634	613	3.3-	Y	Y	Y
85411B	NEW MEXICO GALLUP, U OF	GALLUP	0	13	**	Y	N	N
85406	NEW MEXICO HIGHLANDS UNIV	LAS VEGAS	15	12	20.0-	Y	Y	Y
85407	NEW MEXICO INST OF MINING	SOCORRO	166	154	7.2-	Y	Y	Y
85408	NEW MEXICO JR COLL	HOBBS	12	12	0.0	Y	Y	Y
85409	NEW MEXICO MILITARY INST	ROSWELL	18	18	0.0	Y	Y	Y
85410A	NEW MEXICO ST U ALAMOGRDO	ALAMOGORDO	0	0		Y	N	N
85410B	NEW MEXICO ST U CARLSBAD	CARLSBAD	0	0		Y	N	N
85410C	NEW MEXICO ST U GRANTS	GRANTS	0	0		Y	N	N
85410	NEW MEXICO ST U MAIN	LAS CRUCES	540	501	7.2-	Y	Y	Y
85418	NTHN NEW MEXICO CMTY COLL	ESPANOLA	0	0		Y	N	N
85410D	SAN JUAN COLL	FARMINGTON	0	0		Y	N	N
85419	SANTA FE CMTY COLL	SANTA FE	1	1 E	0.0	Y	Y	Y
85414	SANTA FE, COLL OF	SANTA FE	32	36	12.5	Y	Y	Y

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85415	SOUTHWEST, COLL OF THE	HOBBS	6	8	33.3	Y	Y	Y
85412	ST JOHN'S COLL	SANTA FE	1	2	100.0	Y	Y	Y
85416	WESTERN NEW MEXICO UNIV	SILVER CITY	10	12	20.0	Y	Y	Y
	TOTAL NEW MEXICO		1,600	1,513	5.4-			
	NEW YORK							
21402	ADELPHI UNIV	GARDEN CITY	174	178	2.3	Y	Y	Y
21403	ADIRONDACK CMTY COLL	GLENS FALLS	9	9	0.0	Y	Y	Y
21400	AERONAUTICS, COLL OF	FLUSHING	N	43	**	Y	Y	Y
21722	ALBANY COLL OF PHARMACY	ALBANY	13	13	0.0	Y	Y	Y
21631A	ALBANY MEDICAL COLL	ALBANY	7	7	0.0	Y	Y	Y
21404	ALFRED UNIV	ALFRED	81	77	4.9-	Y	Y	Y
21676	AMER ACAD DRAMATIC ARTS	NEW YORK	37	31	16.2-	Y	Y	N
21412	BANK STREET COLL OF ED	NEW YORK	6	6	0.0	Y	Y	N
21413	BARD COLL	ANNANDLE-HUDSON	38	44	15.8	Y	Y	Y
21460B	BARNARD COLL	NEW YORK	N	N		N	N	N
21675	BERKELEY SCH-WHITE PLAINS	WHITE PLAINS	28	19	32.1-	Y	Y	Y
21728	BORICUA COLL	NEW YORK	0	0		Y	N	N
21741	BRAMSON ORT TECH INST	NEW YORK	0	0		Y	N	N
21420	BROOME CMTY COLL	BINGHAMTON	94	94	0.0	Y	Y	Y
21423	CANISIUS COLL	BUFFALO	7	11	57.1	Y	Y	Y
21426	CATHEDRAL C IMMAC CONCPTN	DOUGLASTON	N	0		Y	N	N
21411	CAYUGA CO CMTY COLL	AUBURN	N	4	**	Y	Y	Y
21427	CAZENOVIA COLL	CAZENOVIA	1	4	300.0	Y	Y	Y
21724	CHRIST THE KING SEM	EAST AURORA	N	1	**	Y	Y	Y
21450	CLARKSON UNIV	POTSDAM	257	316	23.0	Y	Y	Y
21451	CLINTON CMTY COLL	PLATTSBURGH	25	3	88.0-	Y	Y	Y
21453	COLGATE UNIV	HAMILTON	67	99	47.8	Y	Y	Y
21450F	COLUMBIA U TCHRS COLL	NEW YORK		401 F	**	Y	N	N
21460	COLUMBIA UNIV	NEW YORK	2,807	2,474	11.9-	Y	Y	N
21470	COLUMBIA-GREENE CMTY COLL	HUDSON	2	1	50.0-	Y	Y	Y
21471	CONCORDIA COLL	BRONXVILLE	92	104	13.0	Y	Y	Y
21472	COOPER UNION	NEW YORK	67	34	49.3-	Y	Y	Y
21473	CORNELL UNIV	ITHACA	1,857	1,878	1.1	Y	Y	Y
21474	CORNING CMTY COLL	CORNING	N	3	**	Y	Y	Y
21440A	CUNY BERNARD BARUCH COLL	NEW YORK	973	1,387 E	42.5	Y	Y	N
21440L	CUNY BORO OF MANHATTAN CC	NEW YORK	186	216	16.1	Y	Y	N
21440B	CUNY BRONX CMTY COLL	BRONX	63	34	46.0-	Y	N	N
21440C	CUNY BROOKLYN COLL	BROOKLYN	519 E	547	5.4	Y	Y	N
21440D	CUNY CITY COLL	NEW YORK	1,400 E	1,593	13.8	Y	Y	Y
21440G	CUNY GRAD SCH & UNIV CTR	NEW YORK	714	899	25.9	Y	Y	Y
21440H	CUNY HUNTER COLL	NEW YORK	526 E	610 E	16.0	Y	N	N
21440I	CUNY JOHN JAY COLL	NEW YORK	55	65	18.2	Y	Y	N
21440J	CUNY KINGSBOROUGH CMTY C	BROOKLYN	75 E	75 E	0.0	Y	N	N
21440F	CUNY LA GUARDIA CMTY COLL	LONG IS CITY	250 E	500	100.0	Y	Y	N
21440K	CUNY LEHMAN COLL	BRONX	177	218	23.2	Y	Y	N
21440M	CUNY MEDGAR EVERS COLL	BROOKLYN	90 E	101	12.2	Y	Y	Y
21440O	CUNY NEW YORK CITY TECH C	BROOKLYN	200	204	2.0	Y	Y	N
21440P	CUNY QUEENS COLL	FLUSHING	780	900	15.4	Y	N	N
21440Q	CUNY QUEENSBOROUGH CMTY C	BAYSIDE	180	102 E	43.3-	Y	Y	N
21440S	CUNY STATEN ISLAND, COLL	STATEN ISLAND	387	492	27.1	Y	Y	N
21440T	CUNY YORK COLL	JAMAICA	358	416	16.2	Y	Y	N
21478	D'YOUVILLE COLL	BUFFALO	2	29	350.0	Y	Y	Y
21586	DAEMEN COLL	AMHERST	16	12	25.0-	Y	N	N
21475	DOMINICAN COLL BLAUVELT	ORANGEBURG	10 E	9 E	10.0-	Y	Y	Y
21476	DOWLING COLL	OAKDALE	21	26	23.8	Y	Y	N
21477	DUTCHESS CMTY COLL	POUGHKEEPSIE	42	41	2.4-	Y	Y	Y
21430	ELIZABETH SETON COLL	YONKERS	12 E	11	8.3-	Y	Y	Y
21481	ELMIRA COLL	ELMIRA	68	70	2.9	Y	Y	Y
21482	ERIE CMTY COLL-NORTH	AMHERST	59 E	89 E	50.8	Y	Y	Y
21484	FASHION INST TECHNOLOGY	NEW YORK	245	223	9.0-	Y	Y	N
21436	FINGER LAKES, CMTY COLL	CANANDAIGUA	1	1	0.0	Y	Y	Y
21649	FIVE TOWNS COLL	SEAFORD	0	2	**	Y	Y	Y
21487	FORDHAM UNIV	BRONX	40 E	200 E	400.0	Y	N	N
21488	FRIENDS WORLD COLL	HUNTINGTON	12	16	33.3	Y	Y	Y

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21489	FULTON-MONTGOMERY CMTY C	JOHNSTOWN	44	34	22.7-	Y	Y	Y
21490	GENERAL THEOLOGICAL SEM	NEW YORK	5	6	20.0	Y	Y	Y
21491	GENESEE CMTY COLL	BATAVIA	4	4	0.0	Y	Y	Y
21492	HAMILTON COLL	CLINTON	45	50	11.1	Y	Y	Y
21494	HARTWICK COLL	ONEONTA	17	19	11.8	Y	Y	Y
21496	HEBREW UNION C NY BRANCH	NEW YORK	3	2	33.3-	Y	Y	Y
21750	HELENE FULD SCH NURSING	NEW YORK	0	0		Y	N	N
21497	HERKIMER CO CMTY COLL	HERKIMER	1	1	0.0	Y	Y	Y
21498	HILBERT COLL	HAMBURG	0	1	**	Y	Y	Y
21499	HOBART & WM SMITH COLLS	GENEVA	37	39	5.4	Y	Y	Y
21500	HOFSTRA UNIV	HEMPSTEAD	283	244	13.8-	Y	Y	Y
21502	HOUGHTON COLL	HOUGHTON	53	51	3.8-	Y	Y	Y
21503	HUDSON VALLEY CMTY COLL	TROY	33	35	6.1	Y	Y	Y
21693	HUMAN SERVICES, COLL FOR	NEW YORK	0	0		Y	N	N
21653	INSURANCE, COLL OF	NEW YORK	38 E	48 E	26.3	Y	Y	Y
21506	IONA COLL	NEW ROCHELLE	65 E	97 E	49.2	Y	Y	Y
21507	ITHACA COLL	ITHACA	60	54	10.0-	Y	Y	Y
21508	JAMESTOWN CMTY COLL	JAMESTOWN	19	17	10.5-	Y	Y	Y
21509	JEFFERSON CMTY COLL	WATERTOWN	0	5	**	Y	Y	Y
21510	JEWISH THEOL SEM AMERICA	NEW YORK	61	63	3.3	Y	N	N
21511	JUILLIARD SCH, THE	NEW YORK	325	300 E	7.7-	Y	N	N
21512	KEUKA COLL	KEUKA PARK	1	0	100.0-	Y	N	N
21514	KING'S COLL	BRIARCLF MANOR	11	11	0.0	Y	Y	Y
21677	LAB INST OF MERCHANDISING	NEW YORK	N	5	**	Y	Y	Y
21519	LE MOYNE COLL	SYRACUSE	14	20 E	42.9	Y	N	N
21520A	LONG IS U BROOKLYN CENTER	BROOKLYN	405	310	23.5-	Y	Y	Y
21520C	LONG IS U C W POST CAMPUS	GREENVALE	451	411	8.9-	Y	N	N
21520D	LONG IS U SOUTHAMPTON CTR	SOUTHAMPTON	23	20	13.0-	Y	Y	Y
21523	MANHATTAN COLL	RIVERDALE	162	170	4.9	Y	Y	Y
21524	MANHATTAN SCH OF MUSIC	NEW YORK	147	148	0.7	Y	Y	N
21525	MANHATTANVILLE COLL	PURCHASE	117	132	12.8	Y	Y	Y
21526	MANNES COLL OF MUSIC	NEW YORK	63	45 E	28.6-	Y	N	N
21527	MARIA COLL OF ALBANY	ALBANY	1	1	0.0	Y	Y	Y
21528	MARIA REGINA COLL	SYRACUSE	N	2	**	Y	Y	Y
21529	MARIST COLL	POUGHKEEPSIE	35	26	25.7-	Y	Y	Y
21531	MARYKNOLL SCH OF THEOLOGY	MARYKNOLL	23	24	4.3	Y	Y	Y
21532	MARYMOUNT COLL	TARRYTOWN	17	13	23.5-	Y	Y	Y
21533	MARYMOUNT MANHATTAN COLL	NEW YORK	19	0	100.0-	Y	N	N
21534	MATER DEI COLL	OGDENSBURG	3	1	66.7-	Y	Y	Y
21535	MEDAILLE COLL	BUFFALO	0	0		Y	N	N
21538	MERCY COLL	DOBBS FERRY	372	130 E	65.1-	Y	N	N
21541	MOHAWK VALLEY CMTY COLL	UTICA	16	32	100.0	Y	Y	Y
21542	MOLLOY COLL	ROCKVILLE CTR	4	2	50.0-	Y	Y	Y
21543	MONROE CMTY COLL	ROCHESTER	39	65	66.7	Y	Y	Y
21546	MT ST MARY COLL	NEWBURGH	5	4	20.0-	Y	Y	Y
21547	MT ST VINCENT, COLL OF	RIVERDALE	16	19	18.8	Y	Y	Y
21548	NASSAU CMTY COLL	GARDEN CITY	31	26	16.1-	Y	N	N
21551	NAZARETH COLL ROCHESTER	ROCHESTER	5	6 E	20.0	Y	N	N
21552	NEW ROCHELLE, COLL OF	NEW ROCHELLE	38 E	14	63.2-	Y	Y	Y
21553	NEW SCH FOR SOC RESEARCH	NEW YORK	622	790 E	27.0	Y	Y	N
21721	NEW YORK CHIROPRCTIC COLL	GLEN HEAD	3	6 E	100.0	Y	N	N
21558Y	NEW YORK I TECHN CAMPUSES	OLD WESTBURY	984 L	1,072 E	8.9	Y	Y	N
21562	NEW YORK UNIV	NEW YORK	2,196 E	2,072	5.6-	Y	Y	N
21564	NIAGARA CO CMTY COLL	SANBORN	13	9	30.8-	Y	Y	Y
21565	NIAGARA UNIV	NIAGARA UNIV	84	76	9.5-	Y	Y	Y
21566	NORTH COUNTRY CMTY COLL	SARANAC LAKE	7	5	28.6-	Y	Y	Y
21567	NYACK COLL	NYACK	27	36	33.3	Y	N	N
21568	ONONDAGA CMTY COLL	SYRACUSE	47	51	8.5	Y	Y	Y
21569	ORANGE CO CMTY COLL	MIDDLETOWN	17 E	15	11.8-	Y	Y	Y
21571	PACE UNIV NEW YORK	NEW YORK	369	359	2.7-	Y	Y	N
21571A	PACE UNIV PLEASANTVILLE	PLEASANTVILLE	60 E	25 E	58.3-	Y	N	N
21644	PACE UNIV WHITE PLAINS	WHITE PLAINS	78 E	107	37.2	Y	N	N
21575	PAUL SMITH'S COLL	PAUL SMITHS	23	38	65.2	Y	Y	Y
21576	POLYTECHNIC UNIV	BROOKLYN	600 E	530 E	11.7-	Y	N	N
21577	PRATT INST	BROOKLYN	552 E	450 E	18.5-	Y	N	N
21580	RENSSELAER POLY INST	TROY	666 E	675	1.4	Y	Y	Y
21581	ROBERTS WESLEYAN COLL	ROCHESTER	60	54	10.0-	Y	Y	Y

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21582	ROCHESTER INST TECHNOLOGY	ROCHESTER	303	373	23.1	Y	Y	Y
21583	ROCHESTER, UNIV OF	ROCHESTER	812 E	844	3.9	Y	Y	Y
21585	ROCKLAND CMTY COLL	SUFFERN	244	253 E	3.7	Y	Y	Y
21587	RUSSELL SAGE COLL	TROY	19	22 E	15.8	Y	Y	Y
21587A	RUSSELL SAGE JC OF ALBANY	ALBANY	5	14	180.0	Y	Y	Y
21600	SARAH LAWRENCE COLL	BRONXVILLE	73	68	6.8-	Y	Y	Y
21601	SCHENECTADY CO CMTY COLL	SCHENECTADY	2	1	50.0-	Y	Y	Y
21652	SEM IMMACULATE CONCEPTION	HUNTINGTON	4	0	100.0-	Y	N	N
21602	SIENA COLL	LOUDONVILLE	14	13	7.1-	Y	Y	Y
21603	SKIDMORE COLL	SARATOGA SPRNGS	27	29	7.4	Y	Y	Y
21590	ST BONAVENTURE UNIV	ST BONAVENTURE	34	36	5.9	Y	Y	Y
21592	ST FRANCIS COLL	BROOKLYN	105	90	14.3-	Y	Y	Y
21593	ST JOHN FISHER COLL	ROCHESTER	15 L	23	53.3	Y	Y	Y
21594	ST JOHN'S UNIV	JAMAICA	486	574	18.1	Y	Y	Y
21595	ST JOSEPH'S COLL MAIN CAM	BROOKLYN	15 E	15 L	0.0	Y	N	N
21595A	ST JOSEPH'S COLL PATCHGUE	PATCHOGUE	N	1	**	Y	Y	Y
21596	ST JOSEPH'S SEM & COLL	YONKERS	5	4	20.0-	Y	Y	Y
21597	ST LAWRENCE UNIV	CANTON	71	64	9.9-	Y	Y	Y
21598	ST ROSE, COLL OF	ALBANY	32	31	3.1-	Y	Y	Y
21599	ST THOMAS AQUINAS COLL	SPARKILL	5	6	20.0	Y	N	N
21748	SUFFOLK CO CC-EAST	RIVERHEAD	0	1	**	Y	Y	Y
21620	SUFFOLK CO CC-SELDEN	SELDEN	10	8	20.0-	Y	Y	Y
21749	SUFFOLK CO CC-WEST	BRENTWOOD	1	1	0.0	Y	Y	Y
21621	SULLIVAN CO CMTY COLL	LOCH SHELDRAKE	3	2	33.3-	Y	Y	Y
21610A	SUNY AGRL TECH C ALFRED	ALFRED	11	11	0.0	Y	Y	Y
21610B	SUNY AGRL TECH C CANTON	CANTON	7	5	28.6-	Y	Y	Y
21610C	SUNY AGRL TECH C COBLESKL	COBLESKILL	3	3	0.0	Y	Y	Y
21610D	SUNY AGRL TECH C DELHI	DELHI	3	0	100.0-	Y	N	N
21610E	SUNY AGRL TECH C FARMNGDL	FARMINGDALE	15 L	23	53.3	Y	Y	N
21610F	SUNY AGRL TECH C MORRISVL	MORRISVILLE	11	6	45.5-	Y	Y	Y
21610G	SUNY AT ALBANY	ALBANY	690	743	7.7	Y	Y	N
21610H	SUNY AT BINGHAMTON	BINGHAMTON	344	373	8.4	Y	Y	Y
21610I	SUNY AT BUFFALO	BUFFALO	2,041	2,113	3.5	Y	Y	Y
21610K	SUNY AT STONY BK MAIN CAM	STONY BROOK	1,257	1,356	7.9	Y	Y	Y
21610N	SUNY COLL AT BROCKPORT	BROCKPORT	72	85	18.1	Y	Y	N
21610O	SUNY COLL AT BUFFALO	BUFFALO	188	163	13.3-	Y	Y	Y
21610Q	SUNY COLL AT CORTLAND	CORTLAND	46 E	35	23.9-	Y	Y	Y
21610S	SUNY COLL AT FREDONIA	FREDONIA	20	20	0.0	Y	Y	Y
21610T	SUNY COLL AT GENESEO	GENESEO	12	3	75.0-	Y	Y	Y
21610X	SUNY COLL AT NEW PALTZ	NEW PALTZ	130	133 E	2.3	Y	Y	Y
21611A	SUNY COLL AT OLD WESTBURY	OLD WESTBURY	64	83	29.7	Y	Y	Y
21611B	SUNY COLL AT ONEONTA	ONEONTA	73	70 E	4.1-	Y	N	N
21611C	SUNY COLL AT OSWEGO	OSWEGO	31	27	12.9-	Y	Y	Y
21611D	SUNY COLL AT PLATTSBURGH	PLATTSBURGH	89	71	20.2-	Y	N	N
21611E	SUNY COLL AT POTSDAM	POTSDAM	38	36	5.3-	Y	Y	Y
21611F	SUNY COLL AT PURCHASE	PURCHASE	42	49	16.7	Y	Y	Y
21622B	SUNY COLL ENV SCI& FRSTRY	SYRACUSE	101	114	12.9	Y	Y	Y
21610U	SUNY COLL TECH UTICA/ROME	UTICA	50	55	10.0	Y	Y	Y
21611L	SUNY EMPIRE STATE COLL	SARATOGA SPRNGS	22	18	18.2-	Y	N	N
21611G	SUNY HEALTH SCI CTR BKLYN	BROOKLYN	35	44	25.7	Y	Y	Y
21611J	SUNY HEALTH SCI CTR SYRAC	SYRACUSE	14	25	78.6	Y	Y	Y
21611H	SUNY MARITIME COLL	BRONX	91	62	31.9-	Y	N	N
21611M	SUNY STATE COLL OPTOMETRY	NEW YORK	3	N		N	N	N
21622	SYRACUSE UNIV MAIN CAMPUS	SYRACUSE	1,374	1,452	5.7	Y	Y	Y
21622A	SYRACUSE UNIV UTICA COLL	UTICA	2	10	400.0	Y	Y	Y
21623	TOMPKINS-CORTLAND CMTY C	DRYDEN	36 E	47	30.6	Y	N	N
21624	TOURO COLL	NEW YORK	203	150 E	26.1-	Y	N	N
21626	TROCAIRE COLL	BUFFALO	4	5	25.0	Y	Y	Y
21629	ULSTER CO CMTY COLL	STONE RIDGE	5	10	100.0	Y	Y	Y
21631	UNION COLL	SCHENECTADY	32	36	12.5	Y	Y	Y
21630	UNION THEOLOGICAL SEM	NEW YORK	31	35	12.9	Y	Y	N
21632	US MERCHANT MARINE ACAD	KINGS POINT	28	30	7.1	Y	Y	Y
21633	US MILITARY ACAD	WEST POINT	21	26	23.8	Y	Y	Y
21634	VASSAR COL.	POUGHKEEPSIE	54	50	7.4-	Y	Y	Y
21635	VILLA MARIA COLL BUFFALO	BUFFALO	1	2	100.0	Y	Y	Y
21678	VISUAL ARTS, SCH OF	NEW YORK	92	108	17.4	Y	Y	Y
21637	WADHAMS HALL SEM & COLL	OGDENSBURG	18	25	38.9	Y	Y	Y

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NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
21638	WAGNER COLL	STATEN ISLAND	259	231	10.8-	Y	Y	Y
21641	WELLS COLL	AURORA	7	3	57.1-	Y	Y	Y
21643	WESTCHESTER CMTY COLL	VALHALLA	59	94 E	59.3	Y	N	N
21646	YESHIVA UNIV	NEW YORK	158	161	1.9	Y	Y	N
	TOTAL NEW YORK		32,821	34,693	5.7			
	NORTH CAROLINA							
56401	ALBEMARLE, COLL OF THE	ELIZABETH CITY	0	2	**	Y	Y	Y
56492	ANSON TECHNICAL COLL	ANSONVILLE	0	0		Y	N	N
56450K	APPALACHIAN STATE UNIV	BOONE	56	42	25.0-	Y	Y	Y
56403	ASHEVL BUNCOMBE TECH INST	ASHEVILLE	14	10	28.6-	Y	Y	Y
56404	ATLANTIC CHRISTIAN COLL	WILSON	13	14	7.7	Y	Y	Y
56405	BARBER-SCOTIA COLL	CONCORD	1	1	0.0	Y	Y	Y
56519	BEAUFORT COUNTY CMTY COLL	WASHINGTON	0	0		Y	N	N
56406	BELMONT ABBEY COLL	BELMONT	12	15	25.0	Y	Y	Y
56407	BENNETT COLL	GREENSBORO	0	15	**	Y	N	N
56514	BLADEN TECHNICAL COLL	DUBLIN	0	0		Y	N	N
56489	BLUE RIDGE CMTY COLL	FLAT ROCK	3	1	66.7-	Y	Y	Y
56408	BREVARD COLL	BREVARD	22	23	4.5	Y	Y	Y
56539	BRUNSWICK TECHNICAL COLL	SUPPLY	0	0		Y	N	N
56488	CALDWELL CC & TECH INST	HUDSON	2	0	100.0-	Y	N	N
56409	CAMPBELL UNIV	BUIES CREEK	109	70	35.8-	Y	Y	Y
56410	CAPE FEAR TECHNICAL INST	WILMINGTON	3	4	33.3	Y	Y	Y
56509	CARTERET CMTY COLL	MOREHEAD CITY	0	0		Y	N	N
56411	CATAWBA COLL	SALISBURY	7	9	28.6	Y	N	N
56494	CATAWBA VALLEY TECH COLL	HICKORY	0	0		Y	N	N
56491	CEN CAROLINA TECH COLL	SANFORD	5	1	80.0-	Y	Y	Y
56412	CEN PIEDMONT CMTY COLL	CHARLOTTE	516	673	30.4	Y	Y	N
56413	CHOWAN COLL	MURFREESBORO	39	31	20.5-	Y	Y	Y
56510	CLEVELAND TECH COLL	SHELBY	0	1	**	Y	Y	Y
56493	COASTAL CAROLINA CC	JACKSONVILLE	4	3	25.0-	Y	Y	Y
56504	CRAVEN CMTY COLL	NEW BERN	3	1	66.7-	Y	Y	Y
56414	DAVIDSON COLL	DAVIDSON	32	42	31.3	Y	N	N
56415	DAVIDSON COUNTY CMTY COLL	LEXINGTON	4	1	75.0-	Y	Y	Y
56416	DUKE UNIV	DURHAM	433 E	470 E	8.5	Y	Y	Y
56502	DURHAM TECH CMTY COLL	DURHAM	96	114 E	18.8	Y	Y	Y
56450H	EAST CAROLINA UNIV	GREENVILLE	106	106	0.0	Y	Y	Y
56490	EDGECOMBE TECHNICAL COLL	TARBORO	0	0		Y	N	N
56450L	ELIZABETH CITY STATE UNIV	ELIZABETH CITY	8	8	0.0	Y	Y	Y
56419	ELON COLL	ELON COLLEGE	15	15	0.0	Y	Y	Y
56450M	FAYETTEVILLE STATE UNIV	FAYETTEVILLE	6	3	50.0-	Y	Y	Y
56421	FAYETTEVILLE TECH INST	FAYETTEVILLE	2	8	300.0	Y	Y	N
56422	FORSYTH TECHNICAL COLL	WINSTON-SALEM	0	0		Y	N	N
56423	GARDNER-WEBB COLL	BOILING SPRINGS	13	14	7.7	Y	Y	Y
56424	GASTON COLL	DALLAS	0	0		Y	N	N
56425	GREENSBORO COLL	GREENSBORO	12	17	41.7	Y	Y	Y
56426	GUILFORD COLL	GREENSBORO	64	58	9.4-	Y	Y	Y
56508	GUILFORD TECHNICAL INST	JAMESTOWN	63 E	59	6.3-	Y	Y	Y
56513	HALIFAX CMTY COLL	WELDON	1	1	0.0	Y	Y	Y
56511	HAYWOOD TECHNICAL COLL	CLYDE	0	0		Y	N	N
56427	HIGH POINT COLL	HIGH POINT	21	22	4.8	Y	Y	Y
56428	ISOTHERMAL CMTY COLL	SPINDALE	1	0	100.0-	Y	N	N
56429	JAMES SPRUNT CMTY COLL	KENANSVILLE	0	0		Y	N	N
56431	JOHNSON C SMITH UNIV	CHARLOTTE	25	10	60.0-	Y	Y	Y
56521	JOHNSTON TECHNICAL COLL	SMITHFIELD	1	2	100.0	Y	Y	Y
56434	LEES-MCRAE COLL	BANNER ELK	8	11	37.5	Y	Y	Y
56435	LENOIR CMTY COLL	KINSTON	0	0		Y	N	N
56436	LENOIR-RHYNE COLL	HICKORY	7	5	28.6-	Y	Y	N
56437	LIVINGSTONE COLL	SALISBURY	14	21	50.0	Y	N	N
56438	LOUISBURG COLL	LOUISBURG	2	3	50.0	Y	Y	Y
56439	MARS HILL COLL	MARS HILL	10	12	20.0	Y	Y	Y
56499	MARTIN CMTY COLL	WILLIAMSTON	0	0		Y	N	N
56524	MAYLAND TECHNICAL COLL	SPRUCE PINE	0	1	**	Y	Y	Y
56512	MCDOWELL TECHNICAL COLL	MARION	0	0		Y	N	N
56440	MEREDITH COLL	RALEIGH	10 E	10	0.0	Y	Y	Y

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						S1	S2	S3
56441	METHODIST COLL	FAYETTEVILLE	5	12	140.0	Y	Y	Y
56442	MITCHELL CMTY COLL	STATESVILLE	0	0		Y	N	N
56527	MONTGOMERY CMTY COLL	TROY	0	0		Y	N	N
56444	MONTREAT-ANDERSON COLL	MONTREAT	12	8	33.3-	Y	Y	Y
56445	MOUNT OLIVE COLL	MOUNT OLIVE	2	1	50.0-	Y	Y	Y
56500	NASH TECHNICAL COLL	ROCKY MOUNT	1	1	0.0	Y	Y	Y
56450N	NC AGRL & TECH STATE UNIV	GREENSBORO	400	209	47.8-	Y	Y	Y
56450D	NC AT ASHEVILLE, UNIV OF	ASHEVILLE	19	27	42.1	Y	Y	Y
56450	NC AT CHAPEL HILL, U OF	CHAPEL HILL	567	603	6.3	Y	Y	Y
56450E	NC AT CHARLOTTE, UNIV OF	CHARLOTTE	465	481	3.4	Y	Y	Y
56450F	NC AT GREENSBORO, UNIV OF	GREENSBORO	189	199	5.3	Y	Y	Y
56450G	NC AT WILMINGTON, UNIV OF	WILMINGTON	18	13	27.8-	Y	Y	Y
56450O	NC CENTRAL UNIV	DURHAM	72	77	6.9	Y	Y	Y
56450P	NC SCH OF THE ARTS	WINSTON-SALEM	8	8	0.0	Y	Y	Y
56450C	NC STATE UNIV RALEIGH	RALEIGH	1,107	1,049	5.2-	Y	Y	Y
56460	NC WESLEYAN COLL	ROCKY MOUNT	19	12	36.8-	Y	Y	Y
56501	PAMLICO TECHNICAL INST	GRANTSBORO	0	0		Y	N	N
56462	PEACE COLL	RALEIGH	1	1	0.0	Y	Y	Y
56450Q	PEMBROKE STATE UNIV	PEMBROKE	8	8	0.0	Y	Y	Y
56464	PFEIFFER COLL	MISENHEIMER	16	22	37.5	Y	Y	Y
56506	PIEDMONT TECHNICAL COLL	ROXBORO	0	0		Y	N	N
56507	PITT CMTY COLL	GREENVILLE	8	7	12.5-	Y	Y	Y
56456	QUEENS COLL	CHARLOTTE	9	10	11.1	Y	Y	Y
56515	RANDOLPH TECHNICAL COLL	ASHEBORO	2	2	0.0	Y	Y	Y
56516	RICHMOND CMTY COLL	HAMLET	0	0		Y	N	N
56503	ROANOKE-CHOWAN TECH COLL	AHOSKIE	0	0		Y	N	N
56520	ROBESON TECHNICAL COLL	LUMBERTON	0	1	**	Y	Y	Y
56457	ROCKINGHAM CMTY COLL	WENTWORTH	2	2	0.0	Y	Y	Y
56517	ROWAN TECHNICAL COLL	SALISBURY	9	5	44.4-	Y	Y	Y
56468	SACRED HEART COLL	BELMONT	60	C				
56472	SALEM COLL	WINSTON-SALEM	8	4	50.0-	Y	Y	Y
56505	SAMPSON TECHNICAL COLL	CLINTON	0	0		Y	N	N
56473	SANDHILLS CMTY COLL	CARTHAGE	1	3	200.0	Y	Y	Y
56474	SHAW UNIV	RALEIGH	380 E	150 E	60.5-	Y	N	N
56518	SOUTHWESTERN TECH COLL	SYLVA	0	0		Y	N	N
56469	ST ANDREW'S PRESB COLL	LAURINBURG	10	25	150.0	Y	Y	Y
56470	ST AUGUSTINE'S COLL	RALEIGH	160 E	198	23.8	Y	Y	N
56471	ST MARY'S COLL	RALEIGH	15	11	26.7-	Y	Y	Y
56495	STANLY TECHNICAL COLL	ALBEMARLE	4	0	100.0-	Y	N	N
56475	STHESTN BAPTIST THEOL SEM	WAKE FOREST	20	24	20.0	Y	Y	Y
56476	STHESTN CMTY COLL	WHITEVILLE	0	1	**	Y	Y	Y
56478	SURRY CMTY COLL	DOBSON	0	0		Y	N	N
56400	TECH INST OF ALAMANCE	HAW RIVER	0	0		Y	N	N
56522	TRI-COUNTY CMTY COLL	MURPHY	0	0		Y	N	N
56523	VANCE-GRANVILLE CMTY COLL	HENDERSON	1	4	300.0	Y	Y	Y
56479	WAKE FOREST UNIV	WINSTON-SALEM	73	69	5.5-	Y	Y	Y
56498	WAKE TECHNICAL COLL	RALEIGH	87	97 E	11.5	Y	N	N
56480	WARREN WILSON COLL	SWANNANOA	45 E	41	8.9-	Y	Y	Y
56481	WAYNE CMTY COLL	GOLDSBORO	4	3	25.0-	Y	Y	Y
56450R	WESTERN CAROLINA UNIV	CULLOWHEE	65	68	4.6	Y	N	N
56433	WESTERN PIEDMONT CC	MORGANTON	5	1	80.0-	Y	Y	Y
56494	WILKES CMTY COLL	WILKESBORO	6	4	33.3-	Y	Y	Y
56497	WILSON CO TECHNICAL COLL	WILSON	0	0		Y	N	N
56485	WINGATE COLL	WINGATE	15	14	6.7-	Y	Y	Y
56450S	WINSTON-SALEM STATE UNIV	WINSTON-SALEM	8 E	3	62.5-	Y	N	N
	TOTAL NORTH CAROLINA		5,669	5,407	4.6-			
	NORTH DAKOTA							
44430	BISMARCK STATE COLL	BISMARCK	3	1	66.7-	Y	Y	Y
44431	DICKINSON STATE UNIV	DICKINSON	7	9	28.6	Y	Y	Y
44415	FORT BETHOLD CMTY COLL	NEW TOWN	0	0		Y	N	N
44402	JAMESTOWN COLL	JAMESTOWN	8	10	25.0	Y	Y	Y
44416	LITTLE HOOP CMTY COLL	FORT TOTTEN	0	0		Y	N	N
44436	MARY, UNIV OF	BISMARCK	13	10 E	23.1-	Y	Y	Y
44405	MAYVILLE STATE UNIV	MAYVILLE	21	36	71.4	Y	Y	N

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44406	MINOT STATE COLL	MINOT	117	159	35.9	Y	Y	Y
44403	ND LAKE REGION, UNIV OF	DEVILS LAKE	19	6	68.4-	Y	Y	Y
44409	ND MAIN CAMPUS, UNIV OF	GRAND FORKS	351	400 E	14.0	Y	N	N
44407	ND STATE COLL OF SCIENCE	WAHPETON	43	34	20.9-	Y	Y	Y
44408A	ND STATE U BOTTINEAU	BOTTINEAU	22	26	18.2	Y	Y	Y
44408	ND STATE U MAIN CAMPUS	FARGO	396	382	3.5-	Y	Y	Y
44409B	ND WILLISTON CENTER, U OF	WILLISTON	1	3	200.0	Y	Y	Y
44413	STANDING ROCK COLL	FORT YATES	0	0		Y	N	N
44414	TURTLE MOUNTAIN CMTY COLL	BELCOURT	0	0		Y	N	N
44410	VALLEY CITY STATE COLL	VALLEY CITY	8	14	75.0	Y	Y	Y
	TOTAL NORTH DAKOTA		1,009	1,090	8.0			
	OHIO							
31400	AIR FORCE INST TECHNOLOGY	WRGHT-PTRSN AFB	28	21	25.0-	Y	N	N
31401	AKRON MAIN CAMPUS, U OF	AKRON	809	891	10.1	Y	Y	Y
31401A	AKRON WAYNE GEN TECH C, U	ORRVILLE	0	0		Y	N	N
31402	ANTIOCH UNIV	YELLOW SPRINGS	43	42	2.3-	Y	Y	Y
31404	ASHLAND COLL	ASHLAND	115	107	7.0-	Y	Y	Y
31404A	ASHLAND THEOLOGICAL SEM	ASHLAND	N	12	**	Y	Y	Y
31405	ATHENAEUM OF OHIO	CINCINNATI	0	0		Y	N	N
31406	BALDWIN-WALLACE COLL	BEREA	47	53	12.8	Y	Y	Y
31561	BELMONT TECHNICAL COLL	ST CLAIRSVILLE	0	0		Y	N	N
31408	BLUFFTON COLL	BLUFFTON	23	13	43.5-	Y	Y	Y
31409	BORROMEO COLL OF OHIO	WICKLIFFE	0	1	**	Y	Y	Y
31410A	BOWLING GRN ST U FIRELNDS	HURON	0	0		Y	N	N
31410	BOWLING GRN ST U MAIN CAM	BOWLING GREEN	422	374	11.4-	Y	Y	Y
31411	CAPITAL UNIV	COLUMBUS	28	28	0.0	Y	Y	Y
31412	CASE WESTERN RESERVE UNIV	CLEVELAND	912	1,055	15.7	Y	Y	Y
31413	CEDARVILLE COLL	CEDARVILLE	22	19 E	13.6-	Y	Y	Y
31568	CENTRAL OHIO TECH COLL	NEWARK	1	2	100.0	Y	Y	Y
31414	CENTRAL STATE UNIV	WILBERFORCE	85	95	11.8	Y	Y	N
31565	CHATFIELD COLL	SAINT MARTIN	0	0		Y	N	N
31572	CINCINNATI C MORTUARY SCI	CINCINNATI	3	3	0.0	Y	Y	Y
31417C	CINCINNATI CLERMONT C, U	BATAVIA	0	0		Y	N	N
31563	CINCINNATI TECH COLL	CINCINNATI	8	14	75.0	Y	Y	Y
31417	CINCINNATI, UNIV OF	CINCINNATI	803 E	905	12.7	Y	Y	Y
31538	CLARK TECHNICAL COLL	SPRINGFIELD	6	9	50.0	Y	Y	Y
31551	CLEVELAND C JEWISH STDIES	BEACHWOOD	0	0		Y	N	N
31418	CLEVELAND INST OF ART	CLEVELAND	8	5	37.5-	Y	Y	Y
31419	CLEVELAND INST OF MUSIC	CLEVELAND	39	41	5.1	Y	Y	Y
31421	CLEVELAND STATE UNIV	CLEVELAND	307	330	7.5	Y	Y	N
31556	COLUMBUS COLL ART & DSGN	COLUMBUS	30	33 E	10.0	Y	Y	Y
31537	COLUMBUS STATE CMTY COLL	COLUMBUS	39	43	10.3	Y	Y	Y
31422C	CUYAHOGA CC EASTERN CAM	WARRENSVL TWNSP	22	22 L	0.0	Y	N	N
31422A	CUYAHOGA CC METRO CAM	CLEVELAND	261 E	206 E	21.1-	Y	Y	N
31422B	CUYAHOGA CC WESTERN CAM	PARMA HEIGHTS	53 L	26	50.9-	Y	Y	Y
31423	DAYTON, UNIV OF	DAYTON	186	208	11.8	Y	Y	Y
31424	DEFIANCE COLL	DEFIANCE	35	24	31.4-	Y	Y	Y
31425	DENISON UNIV	GRANVILLE	38	38	0.0	Y	Y	Y
31427	DEVRY INST OF TECHNOLOGY	COLUMBUS	48 F	48	0.0	Y	N	N
31426	DYKE COLL	CLEVELAND	12	15 E	25.0	Y	N	N
31552	EDISON STATE CMTY COLL	PIQUA	6	7	16.7	Y	Y	Y
31430	FINDLAY COLL	FINDLAY	88	88	0.0	Y	Y	Y
31432	FRANKLIN UNIV	COLUMBUS	58	56	3.4-	Y	Y	Y
31433	HEBREW UNION COLL	CINCINNATI	13	9	30.8-	Y	Y	Y
31434	HEIDELBERG COLL	TIFFIN	64	32	50.0-	Y	Y	Y
31435	HIRAM COLL	HIRAM	6	3	50.0-	Y	Y	Y
31543	HOCKING TECHNICAL COLL	NELSONVILLE	34	34	0.0	Y	Y	Y
31437	JEFFERSON TECHNICAL COLL	STEUBENVILLE	0	1	**	Y	Y	Y
31438	JOHN CARROLL UNIV	UNIV HEIGHTS	17	20	17.6	Y	Y	Y
31440A	KENT ST ASHTABULA CAMPUS	ASHTABULA	0	0		Y	N	N
31440B	KENT ST E LIVERPL REG CAM	E LIVERPOOL	0	0		Y	N	N
31440C	KENT ST SALEM REG CAM	SALEM	0	0		Y	N	N
31440D	KENT ST STARK CO REG CAM	NORTH CANTON	2	0	100.0-	Y	N	N
31440E	KENT ST TRUMBULL REG CAM	WARREN	0	0		Y	N	N

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31440F	KENT ST TUSCARAWS REG CAM	NEW PHILA	0	0		Y	N	N
31440	KENT STATE U MAIN CAMPUS	KENT	448 E	437	2.5-	Y	Y	Y
31450	KENYON COLL	GAMBIER	25	22	12.0-	Y	Y	Y
31548	KETTERING C MEDICAL ARTS	KETTERING	5	12	140.0	Y	Y	Y
31452	LAKE ERIE COLL	PAINESVILLE	6	6	0.0	Y	Y	Y
31453	LAKELAND CMTY COLL	MENTOR	11	13 E	18.2	Y	Y	Y
31562	LIMA TECHNICAL COLL	LIMA	0	6	**	Y	Y	Y
31454	LORAIN COUNTY CMTY COLL	ELYRIA	7	6	14.3-	Y	Y	Y
31455	LOURDES COLL	SYLVANIA	1	1	0.0	Y	Y	Y
31456	MALONE COLL	CANTON	8	8	0.0	Y	Y	Y
31457	MARIETTA COLL	MARIETTA	18	17	5.6-	Y	Y	Y
31564	MARION TECHNICAL COLL	MARION	1	2	100.0	Y	Y	Y
31459	MEDL COLL OHIO AT TOLEDO	TOLEDO	29	31	6.9	Y	Y	Y
31460	METHODIST THEOL SCH OHIO	DELAWARE	5	4	20.0-	Y	Y	Y
31451A	MIAMI UNIV HAMILTON	HAMILTON	2	0	100.0-	Y	N	N
31451B	MIAMI UNIV MIDDLETOWN	MIDDLETOWN	1	0	100.0-	Y	N	N
31461	MIAMI UNIV OXFORD	OXFORD	233	243	4.3	Y	Y	N
31546	MICHAEL J OWENS TECH COLL	TOLEDO	17	14	17.6-	Y	Y	Y
31463	MOUNT ST JOSEPH, COLL OF	MT ST JOSEPH	37	43	16.2	Y	Y	Y
31464	MOUNT UNION COLL	ALLIANCE	37	38	2.7	Y	Y	Y
31465	MOUNT VERNON NAZARENE C	MOUNT VERNON	4	4	0.0	Y	Y	Y
31466	MUSKINGUM COLL	NEW CONCORD	19 E	21	10.5	Y	Y	Y
31540	MUSKINGUM TECHNICAL COLL	ZANESVILLE	0	0		Y	N	N
31559	NORTH CENTRAL TECH COLL	MANSFIELD	1	1	0.0	Y	Y	Y
31541	NORTHWEST TECHNICAL COLL	ARCHBOLD	0	1	**	Y	Y	Y
31467	NOTRE DAME COLL	CLEVELAND	8	7	12.5-	Y	Y	Y
31468	OBERLIN COLL	OBERLIN	59 E	70	18.6	Y	Y	Y
31469	OHIO COLL PODIATRIC MED	CLEVELAND	12	17	41.7	Y	Y	Y
31470	OHIO DOMINICAN COLL	COLUMBUS	113	99	12.4-	Y	Y	Y
31471	OHIO NORTHERN UNIV	ADA	55 E	52	5.5-	Y	Y	Y
31480F	OHIO STATE U AG INST TECH	WOOSTER	1	3	200.0	Y	Y	Y
31480	OHIO STATE U MAIN CAMPUS	COLUMBUS	2,739	2,756	0.6	Y	Y	Y
31500A	OHIO UNIV BELMONT	ST CLAIRSVILLE	0	0		Y	N	N
31500B	OHIO UNIV CHILLICOTHE	CHILLICOTHE	0	0		Y	N	N
31500D	OHIO UNIV LANCASTER	LANCASTER	0	0		Y	N	N
31500	OHIO UNIV MAIN CAMPUS	ATHENS	1,344 E	1,367 E	1.7	Y	Y	Y
31510	OHIO WESLEYAN UNIV	DELAWARE	110	93	15.5-	Y	Y	Y
31511	OTTERBEIN COLL	WESTERVILLE	55	40	27.3-	Y	Y	Y
31512	PONTIFICAL C JOSEPHINUM	COLUMBUS	10	12	20.0	Y	Y	Y
31514	RIO GRANDE COLL	RIO GRANDE	46	31	32.6-	Y	Y	Y
31550	SHAWNEE STATE UNIV	PORTSMOUTH	2	1	50.0-	Y	Y	Y
31520	SINCLAIR CMTY COLL	DAYTON	22	27	22.7	Y	Y	Y
31558	SOUTHERN OHIO COLL	CINCINNATI	3	2	33.3-	Y	N	N
31569	SOUTHERN STATE CMTY COLL	HILLSBORO	2	1	50.0-	Y	Y	Y
31519	ST MARY SEM	CLEVELAND	0	0		Y	N	N
31566	STARK TECHNICAL COLL	CANTON	0	1	**	Y	Y	Y
31521	STEUBENVILLE, UNIV OF	STEUBENVILLE	33	40	21.2	Y	N	N
31560	TERRA TECHNICAL COLL	FREMONT	2	3	50.0	Y	Y	Y
31522	TIFFIN UNIV	TIFFIN	12	16	33.3	Y	Y	Y
31523	TOLEDO, THE UNIV OF	TOLEDO	1,726	1,756	1.7	Y	Y	Y
31571	TRINITY LUTHERAN SEM	COLUMBUS	7	10	42.9	Y	Y	Y
31524	UNITED THEOLOGICAL SEM	DAYTON	3	6	100.0	Y	Y	Y
31525	URBANA UNIV	URBANA	34	19	44.1-	Y	Y	Y
31526	URSULINE COLL	CLEVELAND	11	5 E	54.5-	Y	N	N
31527	WALSH COLL	CANTON	84	69	17.9-	Y	Y	Y
31544	WASHINGTON TECHNICAL COLL	MARIETTA	0	0		Y	N	N
31529	WILBERFORCE UNIV	WILBERFORCE	1	0	100.0-	Y	N	N
31530	WILMINGTON COLL	WILMINGTON	39	39	0.0	Y	Y	Y
31574	WINEBRENNER THEOL SEM	FINDLAY	0	0		Y	N	N
31531	WITTENBERG UNIV	SPRINGFIELD	35	35	0.0	Y	Y	Y
31533	WOOSTER, COLL OF	WOOSTER	169	159	5.9-	Y	Y	Y
31534A	WRIGHT ST U LAKE CAMPUS	CELINA	0	0		Y	N	N
31534	WRIGHT ST U MAIN CAMPUS	DAYTON	234	253	8.1	Y	Y	Y
31535	XAVIER UNIV	CINCINNATI	131	177 E	35.1	Y	Y	N
31536	YOUNGSTOWN STATE UNIV	YOUNGSTOWN	96	113	17.7	Y	Y	Y
	TOTAL OHIO		12,834	13,142	2.4			

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	OKLAHOMA							
73401	BACONE COLL	MUSKOGEE	0	0		Y	N	N
73402	BARTLESVILLE WESLEYAN C	BARTLESVILLE	7	10	42.9	Y	Y	Y
73404	CAMERON UNIV	LAWTON	15	14	6.7-	Y	Y	Y
73405	CARL ALBERT JR COLL	POTEAU	3	7	133.3	Y	Y	Y
73406	CENTRAL STATE UNIV	EDMOND	1,003	947	5.6-	Y	Y	N
73408	CONNORS STATE COLL	WARNER	0	0		Y	N	N
73409	EAST CENTRAL UNIV	ADA	5	6	20.0	Y	Y	Y
73410	EASTERN OKLA STATE COLL	WILBURTON	3	1	66.7-	Y	Y	Y
73411	EL RENO JR COLL	EL RENO	44	16	63.6-	Y	Y	Y
73443	FLAMING RAINBOW UNIV	STILWELL	0	0		Y	N	N
73412	LANGSTON UNIV	LANGSTON	123	70	43.1-	Y	Y	Y
73445	MID-AMERICA BIBLE COLL	OKLAHOMA CITY	7	4	42.9-	Y	Y	Y
73413	MURRAY STATE COLL	TISHOMINGO	2	7	250.0	Y	Y	Y
73414	NORTHEASTERN OKLA A&M C	MIAMI	65	37	43.1-	Y	Y	Y
73415	NORTHEASTERN OKLA STATE U	TAHLEQUAH	31	24 E	22.6-	Y	Y	Y
73416	NORTHERN OKLAHOMA COLL	TONKAWA	8 E	6	25.0-	Y	Y	Y
73417	NORTHWESTERN OKLA ST UNIV	ALVA	14	14	0.0	Y	Y	Y
73418	OKLA BAPTIST UNIV	SHAWNEE	18	21	16.7	Y	Y	Y
73419	OKLA CHRISTIAN COLL	OKLAHOMA CITY	19	40	110.5	Y	Y	Y
73432	OKLA CITY CMTY COLL	OKLAHOMA CITY	426 E	374 E	12.2-	Y	Y	Y
73420	OKLA CITY UNIV	OKLAHOMA CITY	625	576	7.8-	Y	Y	N
73426A	OKLA HEALTH SCI CTR, U OF	OKLAHOMA CITY	73	71	2.7-	Y	Y	Y
73426	OKLA NORMAN, UNIV OF	NORMAN	1,197	1,270	6.1	Y	Y	Y
73425	OKLA STATE U MAIN CAMPUS	STILLWATER	1,892	1,789	5.4-	Y	Y	Y
73425A	OKLA STATE U OKLA CITY	OKLAHOMA CITY	30	28	6.7-	Y	Y	Y
73425D	OKLA STATE U TECH OKMULGE	OKMULGEE	23	13	43.5-	Y	Y	N
73427	ORAL ROBERTS UNIV	TULSA	200 E	219	9.5	Y	N	N
73423	PANHANDLE STATE UNIV	GOODWELL	7	4	42.9-	Y	Y	Y
73428	PHILLIPS UNIV	ENID	98	82	16.3-	Y	Y	Y
73407	ROGERS STATE COLL	CLAREMORE	202	176	12.9-	Y	Y	Y
73438	ROSE STATE COLL	MIDWEST CITY	108 E	88	18.5-	Y	Y	Y
73421	SCIENCE & ARTS, UNIV OF	CHICKASHA	57	39	31.6-	Y	Y	Y
73431	SEMINOLE JR COLL	SEMINOLE	21	21	0.0	Y	N	N
73403	SOUTHERN NAZARENE UNIV	BETHANY	71	62	12.7-	Y	Y	Y
73429	ST GREGORY'S COLL	SHAWNEE	20	15	25.0-	Y	Y	Y
73433	STHESTN OKLA STATE UNIV	DURANT	184	162	12.0-	Y	Y	N
73444	STHWSTN C CHRSTN MINISTRS	BETHANY	0	0		Y	N	N
73435	STHWSTN OKLA STATE UNIV	WEATHERFORD	85	78	8.2-	Y	Y	Y
73437	TULSA JR COLL	TULSA	0	8	**	Y	Y	Y
73436	TULSA, UNIV OF	TULSA	447	373	16.6-	Y	Y	Y
73400	WESTERN OKLAHOMA ST COLL	ALTUS	0	1	**	Y	Y	Y
	TOTAL OKLAHOMA		7,133	6,673	6.4-			
	OREGON							
92457	BASSIST COLL	PORTLAND	10	11	10.0	Y	Y	Y
92400	BLUE MOUNTAIN CMTY COLL	PENDLETON	6	4	33.3-	Y	Y	Y
92401	CENTRAL OREGON CMTY COLL	BEND	11 E	12	9.1	Y	N	N
92402	CHEMEKETA CMTY COLL	SALEM	41	36	12.2-	Y	Y	Y
92403	CLACKAMAS CMTY COLL	OREGON CITY	19	17	10.5-	Y	Y	Y
92404	CLATSOP CMTY COLL	ASTORIA	3	3	0.0	Y	Y	Y
92405	COLUMBIA CHRISTIAN COLL	PORTLAND	10	7	30.0-	Y	Y	Y
92406	CONCORDIA COLL	PORTLAND	95	99	4.2	Y	Y	Y
92430B	EASTERN OREGON STATE COLL	LA GRANDE	113 E	100 E	11.5-	Y	Y	Y
92407	GEORGE FOX COLL	NEWBERG	5	14	180.0	Y	Y	Y
92409	LANE CMTY COLL	EUGENE	148	150	1.4	Y	Y	Y
92410	LEWIS & CLARK COLL	PORTLAND	176	211	19.9	Y	Y	Y
92411	LINFIELD COLL	MCMINNVILLE	77 E	78 E	1.3	Y	Y	Y
92412	LINN-BENTON CMTY COLL	ALBANY	19	28	47.4	Y	Y	Y
92413	MARYLHURST COLL	MARYLHURST	4	3	25.0-	Y	Y	Y
92415	MOUNT ANGEL SEM	SAINT BENEDICT	25	22	12.0-	Y	Y	Y
92416	MOUNT HOOD CMTY COLL	GRESHAM	8	10	25.0	Y	N	N
92418	NORTHWEST CHRISTIAN COLL	EUGENE	23	16	30.4-	Y	Y	Y

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92419	OREGON GRADUATE CENTER	BEAVERTON	47	59	25.5	Y	Y	Y
92430A	OREGON HEALTH SCIENCES U	PORTLAND	17	21	23.5	Y	N	N
92430I	OREGON HLTH SCIS U DENTL	PORTLAND	3	3	0.0	Y	Y	Y
92430E	OREGON INST OF TECHNOLOGY	KLAMATH FALLS	26	33	26.9	Y	Y	Y
92430	OREGON MAIN CAMPUS, U OF	EUGENE	1,670	1,777	6.4	Y	Y	N
92430D	OREGON STATE UNIV	CORVALLIS	1,559	1,603	2.8	Y	Y	N
92454	PACIFIC NTHWST COLL ART	PORTLAND	4	6	50.0	Y	Y	Y
92440	PACIFIC UNIV	FOREST GROVE	29	38	31.0	Y	N	N
92441	PORTLAND CMTY COLL	PORTLAND	218	318	45.9	Y	Y	Y
92430F	PORTLAND STATE UNIV	PORTLAND	557	632	13.5	Y	Y	Y
92442	PORTLAND, UNIV OF	PORTLAND	288	245	14.9-	Y	Y	Y
92443	REED COLL	PORTLAND	52	50 E	3.8-	Y	N	N
92455	ROGUE CMTY COLL	GRANTS PASS	3 E	5	66.7	Y	Y	Y
92430G	SOUTHERN OREGON ST COLL	ASHLAND	118	149	26.3	Y	Y	Y
92444	STHWSTN OREGON CMTY COLL	COOS BAY	5	14	180.0	Y	N	N
92445	TREASURE VALLEY CMTY COLL	ONTARIO	17	29	70.6	Y	Y	Y
92446	UMPQUA CMTY COLL	ROSEBURG	4	2	50.0-	Y	Y	Y
92447	WARNER PACIFIC COLL	PORTLAND	37	32	13.5-	Y	Y	Y
92451	WILLAMETTE UNIV	SALEM	26	41	57.7	Y	Y	Y
92448	WSTN BAPTIST COLL	SALEM	1	2	100.0	Y	Y	Y
92449	WSTN CONSERV BAPTIST SEM	PORTLAND	30	35	16.7	Y	Y	Y
92453	WSTN EVANGELICAL SEM	PORTLAND	25	21	16.0-	Y	Y	Y
92430C	WSTN OREGON STATE COLL	MONMOUTH	168	173	3.0	Y	Y	Y
92456	WSTN STATES CHIROPRACTC C	PORTLAND	43	38	11.6-	Y	Y	Y
	TOTAL OREGON		5,740	6,147	7.1			

PENNSYLVANIA

NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
23403	ALBRIGHT COLL	READING	14	22	57.1	Y	Y	Y
23405A	ALLEGHENY CO ALLEG CAM,CC	PITTSBURGH	57 E	68	19.3	Y	Y	N
23405B	ALLEGHENY CO BOYCE CAM,CC	MONROEVILLE	6	4	33.3-	Y	N	N
23405D	ALLEGHENY CO NORTH CAM,CC	PITTSBURGH	0	0		Y	N	N
23405C	ALLEGHENY CO SOUTH CAM,CC	WEST MIFFLIN	0	0		Y	N	N
23404	ALLEGHENY COLL	MEADVILLE	57	51	10.5-	Y	Y	Y
23406	ALLENTOWN COLL	CENTER VALLEY	2	3	50.0	Y	Y	Y
23407	ALLIANCE COLL	CAMBRIDGE SPRNG	8	C				
23408	ALVERNIA COLL	READING	3	2	33.3-	Y	Y	Y
23410	BAPT BIBLE COLL& SCH THEO	CLARKS SUMMIT	6	6	0.0	Y	Y	Y
23412	BEAVER CO, CMTY COLL OF	MONACA	0	1	**	Y	N	N
23411	BEAVER COLL	GLENSIDE	14	14	0.0	Y	N	N
23413	BLOOMSBURG UNIV	BLOOMSBURG	38	45	18.4	Y	Y	Y
23414	BRYN MAWR COLL	BRYN MAWR	120 E	108 E	10.0-	Y	N	N
23415	BUCKNELL UNIV	LEWISBURG	96 E	111	15.6	Y	Y	Y
23416	BUCKS COUNTY CMTY COLL	NEWTOWN	0	0		Y	N	N
23417	BUTLER COUNTY CMTY COLL	BUTLER	0	0		Y	N	N
23418	CABRINI COLL	RADNOR	1	5	400.0	Y	Y	Y
23419	CALIFORNIA UNIV OF PA	CALIFORNIA	38	40	5.3	Y	Y	Y
23420	CARLOW COLL	PITTSBURGH	10	10	0.0	Y	Y	Y
23422	CARNEGIE-MELLON UNIV	PITTSBURGH	538 E	655	21.7	Y	Y	N
23423	CEDAR CREST COLL	ALLENTOWN	5	5	0.0	Y	Y	Y
23583	CENTRAL PENN BUSINESS SCH	SUMMERDALE	4	1	75.0-	Y	Y	Y
23424	CHATHAM COLL	PITTSBURGH	12	9	25.0-	Y	Y	Y
23425	CHESTNUT HILL COLL	PHILADELPHIA	11	19	72.7	Y	Y	Y
23426	CHEYNEY UNIV OF PA	CHEYNEY	58	27	53.4-	Y	N	N
23429	CLARION UNIV OF PENN	CLARION	150	168	12.0	Y	Y	Y
23429A	CLARION UNIV-VENANGO CAM	OIL CITY	0	1	**	Y	Y	Y
23582	COMBS COLL OF MUSIC	PHILADELPHIA	10	10	0.0	Y	Y	Y
23432	DELAWARE COUNTY CMTY COLL	MEDIA	19	21	10.5	Y	Y	Y
23433	DELAWARE VLY COLL SCI& AG	DOYLESTOWN	11	17	54.5	Y	Y	Y
23434	DICKINSON COLL	CARLISLE	20	17	15.0-	Y	Y	Y
23437	DREXEL UNIV	PHILADELPHIA	482	875	81.5	Y	Y	N
23439	DUQUESNE UNIV	PITTSBURGH	215	226	5.1	Y	Y	Y
23440	EAST STROUDSBURG UNIV	E STROUDSBURG	53	62	17.0	Y	Y	Y
23442	EASTERN BAPTIST THEOL SEM	PHILADELPHIA	14	14	0.0	Y	Y	Y
23441	EASTERN COLL	SAINT DAVIDS	36	43 E	19.4	Y	N	N
23444	EDINBORO UNIV	EDINBORO	63	67	6.3	Y	Y	Y

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23445	ELIZABETHTOWN COLL	ELIZABETHTOWN	5	11	120.0	Y	Y	Y
23584	EVANGELICAL SCH THEOLOGY	MYERSTOWN	1	2	100.0	Y	Y	Y
23448	FRANKLIN & MARSHALL COLL	LANCASTER	38	37	2.6-	Y	Y	Y
23450	GANNON UNIV	ERIE	92	89	3.3-	Y	Y	N
23451	GENEVA COLL	BEAVER FALLS	25	17	32.0-	Y	Y	Y
23452	GETTYSBURG COLL	GETTYSBURG	24	29	20.8	Y	Y	Y
23453	GRATZ COLL	PHILADELPHIA	9	7	22.2-	Y	Y	Y
23454	GROVE CITY COLL	GROVE CITY	28	43 E	53.6	Y	Y	Y
23455	GWYNEDD-MERCY COLL	GWYNEDD VALLEY	25	30 E	20.0	Y	N	N
23456	HAHNEMANN UNIV	PHILADELPHIA	14	21	50.0	Y	Y	Y
23457	HARCUM JR COLL	BRYN MAWR	25	46	84.0	Y	Y	Y
23458	HARRISBURG AREA CMTY COLL	HARRISBURG	27	30	11.1	Y	N	N
23459	HAVERFORD COLL	HAVERFORD	14	16	14.3	Y	Y	N
23460	HOLY FAMILY COLL	PHILADELPHIA	9	3	66.7-	Y	Y	Y
23461	IMMACULATA COLL	IMMACULATA	50	51	2.0	Y	Y	Y
23462	INDIANA UNIV OF PENN	INDIANA	367	424	15.5	Y	Y	Y
23464	JUNIATA COLL	HUNTINGDON	30	30	0.0	Y	Y	Y
23465	KEYSTONE JR COLL	LA PLUME	13	9	30.8-	Y	N	N
23466	KING'S COLL	WILKES-BARRE	16	9	43.8-	Y	Y	Y
23467	KUTZTOWN UNIV OF PENN	KUTZTOWN	45	44	2.2-	Y	Y	Y
23468	LA ROCHE COLL	PITTSBURGH	4	5	25.0	Y	Y	Y
23473	LA SALLE UNIV	PHILADELPHIA	25	25 E	0.0	Y	N	N
23469	LACKAWANNA JR COLL	SCRANTON	0	0		Y	N	N
23470	LAFAYETTE UNIV	EASTON	56	66	17.9	Y	Y	Y
23569	LANCASTER BIBLE COLL	LANCASTER	8	12	50.0	Y	Y	Y
23471	LANCASTER THEOLOGICAL SEM	LANCASTER	2	3	50.0	Y	Y	Y
23474	LEBANON VALLEY COLL	ANNVILLE	5	4	20.0-	Y	Y	Y
23475	LEHIGH COUNTY CMTY COLL	SCHNECKSVILLE	4	10	150.0	Y	Y	Y
23476	LEHIGH UNIV	BETHLEHEM	470	483	2.8	Y	Y	Y
23477	LINCOLN UNIV	LINCOLN UNIV	23	18	21.7-	Y	Y	Y
23478	LOCK HAVEN UNIV	LOCK HAVEN	58	102	75.9	Y	Y	Y
23479	LUTH THEOL SEM GETTYSBURG	GETTYSBURG	5	9	80.0	Y	Y	Y
23480	LUTH THEOL SEM PHILA	PHILADELPHIA	1	5	400.0	Y	Y	Y
23481	LUZERNE COUNTY CMTY COLL	NANTICOKE	1	1	0.0	Y	Y	Y
23482	LYCOMING COLL	WILLIAMSPORT	2	4	100.0	Y	Y	Y
23483	MANOR JR COLL	JENKINTOWN	N	1	**	Y	Y	Y
23484	MANSFIELD UNIV	MANSFIELD	30	37	23.3	Y	Y	Y
23485	MARY IMMACULATE SEM	NORTHAMPTON	1	2	100.0	Y	Y	Y
23486	MARYWOOD COLL	SCRANTON	21	24	14.3	Y	Y	Y
23487	MEDICAL COLL OF PA, THE	PHILADELPHIA	3	3	0.0	Y	N	N
23488	MERCYHURST COLL	ERIE	34	41	20.6	Y	Y	Y
23489	MESSIAH COLL	GRANTHAM	45	46	2.2	Y	Y	Y
23490	MILLERSVILLE UNIV	MILLERSVILLE	61	57	6.6-	Y	Y	Y
23491	MISERICORDIA, COLL	DALLAS	5	7	40.0	Y	N	N
23492	MONTGOMERY CO CMTY COLL	BLUE BELL	11	8	27.3-	Y	N	N
23493	MOORE COLL OF ART	PHILADELPHIA	7	15	114.3	Y	Y	Y
23494	MORAVIAN COLL	BETHLEHEM	12	18	50.0	Y	Y	Y
23495	MOUNT ALOYSIUS JR COLL	CRESSON	34	33	2.9-	Y	Y	Y
23496	MUHLENBERG COLL	ALLENTOWN	7	14	100.0	Y	Y	Y
23500	NEUMANN COLL	ASTON	2	3	50.0	Y	Y	Y
23497	NEW CHURCH, ACAD OF THE	BRYN ATHYN	32	37	15.6	Y	Y	Y
23498	NORTHAMPTON CO AREA CC	BETHLEHEM	12	18	50.0	Y	Y	Y
23499	NORTHEASTERN CHRISTIAN JC	VILLANOVA	9	23	155.6	Y	Y	Y
23501	PEIRCE JR COLL	PHILADELPHIA	19	17	10.5-	Y	Y	Y
23504	PENN COLL OF OPTOMETRY	PHILADELPHIA	6	7	16.7	Y	Y	Y
23585	PENN INST OF TECHNOLOGY	MEDIA	N	0		Y	N	N
23510Y	PENN STATE U-COMMONWLTH	UNIVERSITY PARK	53	76	43.4	Y	Y	N
23510	PENN STATE U-UNIV PK CAM	UNIVERSITY PARK	1,662	1,959 E	17.9	Y	Y	N
23521	PENN, UNIV OF	PHILADELPHIA	2,125	2,255	6.1	Y	Y	Y
23522	PHILA COLL OF ART	PHILADELPHIA	38	37	2.6-	Y	N	N
23523	PHILA COLL OF THE BIBLE	LANGHORNE	12	18	50.0	Y	Y	Y
23528	PHILA COLL PERFORMNG ARTS	PHILADELPHIA	29	27	6.9-	Y	Y	Y
23525	PHILA COLL PHARMACY & SCI	PHILADELPHIA	56	56	0.0	Y	Y	N
23526	PHILA COLL TEXTILE & SCI	PHILADELPHIA	130	134	3.1	Y	Y	N
23527	PHILA, CMTY COLL OF	PHILADELPHIA	14	0	100.0-	Y	N	N
23572	PINEBROOK JR COLL	COOPERSBURG	6	5	16.7-	Y	Y	Y
23530B	PITTSBURGH BRADFORD, U OF	BRADFORD	1	2	100.0	Y	Y	Y

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			1986/87	1987/88	X	RESPONSE		
NRC	INSTITUTION	CITY	TOTAL	TOTAL	CHANGE	S1	S2	S3
23530C	PITTSBURGH GREENSBURG, U	GREENSBURG	0	0		Y	N	N
23530D	PITTSBURGH JOHNSTOWN, U	JOHNSTOWN	0	0		Y	N	N
23530	PITTSBURGH MAIN CAMPUS, U	PITTSBURGH	1,337	1,383	3.4	Y	Y	Y
23529	PITTSBURGH THEOL SEM	PITTSBURGH	4	7	75.0	Y	Y	Y
23530E	PITTSBURGH TITUSVILLE, U	TITUSVILLE	0	0		Y	N	N
23531	POINT PARK COLL	PITTSBURGH	162	122	24.7-	Y	Y	Y
23573	READING AREA CMTY COLL	READING	4	2	50.0-	Y	Y	Y
23533	ROBERT MORRIS COLL	CORAOPOLIS	28 E	25 E	10.7-	Y	N	N
23534	ROSEMONT COLL	ROSEMONT	7	20	185.7	Y	Y	N
23541	SCRANTON, UNIV OF	SCRANTON	128	146	14.1	Y	Y	N
23542	SETON HILL COLL	GREENSBURG	4	5	25.0	Y	Y	N
23543	SHIPPENSBURG U OF PENN	SHIPPENSBURG	48	52	8.3	Y	Y	Y
23544	SLIPPERY ROCK UNIV	SLIPPERY ROCK	87	101	16.1	Y	Y	Y
23545	SPRING GARDEN COLL	PHILADELPHIA	33	23	30.3-	Y	Y	Y
23535	ST CHARLES BORROMEO SEM	PHILADELPHIA	0	0		Y	N	N
23538	ST FRANCIS COLL	LORETTO	6	3	50.0-	Y	Y	Y
23539	ST JOSEPH'S UNIV	PHILADELPHIA	144	147	2.1	Y	Y	Y
23540	ST VINCENT COLL	LATROBE	9	11	22.2	Y	Y	Y
23546	SUSQUEHANNA UNIV	SELINSGROVE	10	13	30.0	Y	Y	Y
23547	SWARTHMORE COLL	SWARTHMORE	66	66	0.0	Y	Y	N
23548	TEMPLE UNIV	PHILADELPHIA	1,358	1,352	0.4-	Y	Y	N
23550	THIEL COLL	GREENVILLE	11	11	0.0	Y	Y	Y
23551	THOMAS JEFFERSON UNIV	PHILADELPHIA	10	8	20.0-	Y	Y	Y
23503	UNITED WESLEYAN COLL	ALLENTOWN	2	3	50.0	Y	Y	Y
23552	URSINUS COLL	COLLEGEVILLE	13	10	23.1-	Y	Y	Y
23553	VALLEY FORGE MILITARY JC	WAYNE	9	8	11.1-	Y	Y	Y
23554	VILLA MARIA COLL	ERIE	0	0		Y	N	N
23555	VILLANOVA UNIV	VILLANOVA	200	140	30.0-	Y	Y	N
23556	WASHINGTN & JEFFERSN COLL	WASHINGTON	3	8	166.7	Y	Y	Y
23557	WAYNESBURG COLL	WAYNESBURG	27	15	44.4-	Y	Y	Y
23558	WEST CHESTER UNIV	WEST CHESTER	118	179	51.7	Y	Y	Y
23559	WESTMINSTER COLL	NEW WILMINGTON	5	6	20.0	Y	Y	Y
23560	WESTMINSTER THEOL SEM	PHILADELPHIA	72	84	16.7	Y	Y	Y
23561	WESTMORELAND COUNTY CC	YOUNGWOOD	2	0	100.0-	Y	N	N
23562	WIDENER UNIV	CHESTER	40	46	15.0	Y	Y	Y
23563	WILKES COLL	WILKES-BARRE	68	38	44.1-	Y	N	N
23564	WILLIAMSPORT AREA CC	WILLIAMSPORT	0	0		Y	N	N
23565	WILSON COLL	CHAMBERSBURG	6	10	66.7	Y	N	N
23567	YORK COLL OF PENNSYLVANIA	YORK	11	14	27.3	Y	Y	Y
	TOTAL PENNSYLVANIA		12,201	13,460	10.3			
	PUERTO RICO							
98447	AMERICAN COLL OF PR	BAYAMON	0	0		Y	N	N
98441	ANTILLIAN COLL	MAYAGUEZ	35	34	2.9-	Y	Y	Y
98430B	ARECIBO TECH UNIV COLL	ARECIBO	0	0		Y	N	N
98443	BAYAMON CENTRAL UNIV	BAYAMON	3	4	33.3	Y	Y	Y
98448	CARIBBEAN CTR ADV STUDIES	SANTURCE	1	2	100.0	Y	Y	Y
98444	CARIBBEAN UNIV COLL	BAYAMON	1	0	100.0-	Y	N	N
98420	CATHOLIC UNIV PUERTO RICO	PONCE	19	25	31.6	Y	Y	Y
98446	CONSERVATORY OF MUSIC PR	HATO REY	4 E	N		N	N	N
98458	CTR ADVANCED STUDIES	SAN JUAN	0	0		Y	N	N
98451	INST COMERCIAL PR JR COLL	HATO REY	58 E	1	98.3-	Y	Y	N
98410A	INTER AMER U AGUADILLA	AGUADILLA	0	N		N	N	N
98410B	INTER AMER U ARECIBO	ARECIBO	1	0	100.0-	Y	N	N
98410C	INTER AMER U BARRANQUITAS	BARRANQUITAS	N	N		N	N	N
98410H	INTER AMER U FAJARDO	FAJARDO	8 E	N		N	N	N
98410I	INTER AMER U GUAYAMA	GUAYAMA	N	0		Y	N	N
98410E	INTER AMER U METRO CAMPUS	HATO REY	N	N		N	N	N
98410F	INTER AMER U PONCE	PONCE	N	1	**	Y	Y	Y
98410	INTER AMER U SAN GERMAN	SAN GERMAN	28	58	107.1	Y	Y	Y
98456	POLYTECHNIC UNIV OF PR	HATO REY	98 L	N		N	N	N
98430H	PR AGUADILLA REG COLL, U	RAMEY	0	0		Y	N	N
98430G	PR BAYAMON TECH U COLL, U	BAYAMON	2	1	50.0-	Y	Y	Y
98430C	PR CAYEY UNIV COLL, U OF	CAYEY	0	0		Y	N	N
98430I	PR HUMACAO UNIV COLL, U	HUMACAO	2	0	100.0-	Y	N	N

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98430J	PR LA MONTANA REG COLL, U	UTUADO	4	7	75.0	Y	Y	N
98430E	PR MAYAGUEZ, UNIV OF	MAYAGUEZ	216	211	2.3-	Y	Y	N
98430F	PR PONCE TECH UNIV, U OF	PONCE	1	1	0.0	Y	Y	Y
98430	PR RIO PIEDRAS, UNIV OF	RIO PIEDRAS	32	42	31.3	Y	Y	Y
98430A	PR SAN JUAN MED SCI, U OF	SAN JUAN	11	12	9.1	Y	Y	Y
98421	PUERTO RICO JR COLL	RIO PIEDRAS	N	N		N	N	N
98440	SACRED HEART, UNIV OF	SANTURCE	38	37	2.6-	Y	Y	Y
98445	TECHNOLOGICAL C SAN JUAN	HATO REY	N	8 E	**	Y	N	N
98449	UNIVERSIDAD DEL TURABO	GURABO	31	21	32.3-	Y	Y	Y
98459	UNIVERSIDAD METROPOLITANA	RIO PIEDRAS	1	1	0.0	Y	Y	Y
	TOTAL PUERTO RICO		594	466	21.5-			
	RHODE ISLAND							
15401	BROWN UNIV	PROVIDENCE	721 E	811	12.5	Y	Y	N
15402	BRYANT COLL	SMITHFIELD	48	46	4.2-	Y	Y	Y
15412	NEW ENGLAND INST TECH	PROVIDENCE	7	5	28.6-	Y	Y	N
15405	PROVIDENCE COLL	PROVIDENCE	113	48	57.5-	Y	Y	Y
15406	RHODE ISLAND COLL	PROVIDENCE	33	30	9.1-	Y	Y	Y
15408	RHODE ISLAND SCH DESIGN	PROVIDENCE	145 E	139 E	4.1-	Y	Y	Y
15409	RHODE ISLAND, UNIV OF	KINGSTON	476	495	4.0	Y	Y	Y
15407	RHODE ISLAND,CMTY COLL OF	WARWICK	0	6	**	Y	N	N
15410	ROGER WILLIAMS COLL	BRISTOL	137	104	24.1-	Y	Y	N
15411	SALVE REGINA-NEWPORT COLL	NEWPORT	29	27	6.9-	Y	N	N
	TOTAL RHODE ISLAND		1,709	1,711	0.1			
	SOUTH CAROLINA							
57466	AIKEN TECH COLL	AIKEN	1	2	100.0	Y	N	N
57401	ANDERSON COLL	ANDERSON	13	15	15.4	Y	Y	Y
57402	BAPT COLL AT CHARLESTON	CHARLESTON	25	15	40.0-	Y	N	N
57456	BEAUFORT TECHNICAL COLL	BEAUFORT	1	2	100.0	Y	N	N
57403	BENEDICT COLL	COLUMBIA	41	42	2.4	Y	Y	Y
57405	CENTRAL WESLEYAN COLL	CENTRAL	8	4	50.0-	Y	Y	Y
57406	CHARLESTON, COLL OF	CHARLESTON	86	103	19.8	Y	Y	Y
57463	CHESTERFLD-MARLBORO TECH	CHERAW	1	0	100.0-	Y	N	N
57407	CITADEL MILITARY COLL SC	CHARLESTON	13	15	15.4	Y	N	N
57408	CLAFLIN COLL	ORANGEBURG	4	6	50.0	Y	Y	Y
57409	CLEMSON UNIV	CLEMSON	453	553	22.1	Y	Y	Y
57410	COKER COLL	HARTSVILLE	2	2	0.0	Y	Y	Y
57411	COLUMBIA BIBLE COLL	COLUMBIA	51	77	51.0	Y	Y	Y
57412	COLUMBIA COLL	COLUMBIA	2	3	50.0	Y	Y	Y
57413	CONVERSE COLL	SPARTANBURG	2	3	50.0	Y	Y	Y
57469	DENMARK TECH COLL	DENMARK	2	4	100.0	Y	Y	Y
57414	ERSKINE COLL	DUE WEST	7	11	57.1	Y	Y	Y
57458	FLORENCE DARLINGTON TECH	FLORENCE	1	1	0.0	Y	Y	Y
57415	FRANCIS MARION COLL	FLORENCE	4	9	125.0	Y	Y	Y
57417	FURMAN UNIV	GREENVILLE	9 E	10	11.1	Y	Y	Y
57418	GREENVILLE TECHNICAL COLL	GREENVILLE	8	9	12.5	Y	Y	N
57465	HORRY-GEORGETOWN TECH COL	CONWAY	4	2	50.0-	Y	Y	Y
57420	LANDER COLL	GREENWOOD	27	45	66.7	Y	Y	Y
57421	LIMESTONE COLL	GAFFNEY	3	5	66.7	Y	Y	Y
57422	LUTHERAN THEOL STHN SEM	COLUMBIA	0	3	**	Y	Y	Y
57423	MEDICAL UNIV OF SC	CHARLESTON	35 L	52	48.6	Y	N	N
57455	MIDLANDS TECH COLL	COLUMBIA	30	2[illegible]	6.7-	Y	Y	Y
57424	MORRIS COLL	SUMTER	0			Y	N	N
57425	NEWBERRY COLL	NEWBERRY	1	2	100.0	Y	Y	Y
57426	NORTH GREENVILLE COLL	TIGERVILLE	5	7	40.0	Y	Y	Y
57464	ORANGEBURG CALHOUN TECH C	ORANGEBURG	2	2	0.0	Y	Y	Y
57428	PIEDMONT TECHNICAL COLL	GREENWOOD	1	0	100.0-	Y	N	N
57429	PRESBYTERIAN COLL	CLINTON	4	6	50.0	Y	N	N
57440A	SC AT AIKEN, UNIV OF	AIKEN	11	12	9.1	Y	Y	Y
57440C	SC AT BEAUFORT, UNIV OF	BEAUFORT	0	2	**	Y	Y	Y
57440D	SC AT CONWAY, UNIV OF	CONWAY	43	42	2.3-	Y	Y	Y
57440E	SC AT LANCASTER, UNIV OF	LANCASTER	0	1	**	Y	Y	Y

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57440F	SC AT SPARTANBURG, U OF	SPARTANBURG	25	18	28.0-	Y	Y	Y
57440H	SC AT SUMTER, UNIV OF	SUMTER	0	2	**	Y	Y	Y
57440G	SC AT UNION, UNIV OF	UNION	0	0		Y	N	N
57440	SC COLUMBIA CAMPUS, U OF	COLUMBIA	966	784	18.8-	Y	Y	Y
57440B	SC SALKEHATCHIE, UNIV OF	ALLENDALE	0	2	**	Y	Y	Y
57430	SC STATE COLL	ORANGEBURG	31	30 E	3.2-	Y	Y	Y
57467	SHERMAN COLL CHIROPRACTIC	SPARTANBURG	16	12	25.0-	Y	Y	Y
57450	SPARTANBURG METH COLL	SPARTANBURG	1	3	200.0	Y	Y	Y
57459	SPARTANBURG TECH COLL	SPARTANBURG	1	5	400.0	Y	Y	Y
57460	SUMTER AREA TECH COLL	SUMTER	1	1	0.0	Y	Y	Y
57454	TRI-COUNTY TECHNICAL COLL	PENDLETON	3	17	466.7	Y	Y	Y
57427	TRIDENT TECH COLL	CHARLESTON	22	21	4.5-	Y	N	N
57451	VOORHEES COLL	DENMARK	4	3	25.0-	Y	N	N
57472	WILLIAMSBURG TECH COLL	KINGSTREE	0	0		Y	N	N
57452	WINTHROP COLL	ROCK HILL	53	90	69.8	Y	Y	Y
57453	WOFFORD COLL	SPARTANBURG	7	5	28.6-	Y	Y	Y
57461	YORK TECHNICAL COLL	ROCK HILL	0	0		Y	N	N
	TOTAL SOUTH CAROLINA		2,030	2,088	2.9			
	SOUTH DAKOTA							
45400	AUGUSTANA COLL	SIOUX FALLS	93	89 E	4.3-	Y	Y	Y
45401	BLACK HILLS STATE COLL	SPEARFISH	15	5	66.7-	Y	Y	Y
45402	DAKOTA STATE COLL	MADISON	8	8	0.0	Y	Y	Y
45403	DAKOTA WESLEYAN UNIV	MITCHELL	8	7	12.5-	Y	Y	Y
45405	HURON COLL	HURON	8	5	37.5-	Y	Y	N
45418	KILIAN CMTY COLL	SIOUX FALLS	0	0		Y	N	N
45406	MOUNT MARTY COLL	YANKTON	4	5	25.0	Y	Y	Y
45415	NATIONAL COLL	RAPID CITY	11	13	18.2	Y	Y	Y
45407	NORTH AMERICAN BAPT SEM	SIOUX FALLS	9	6	33.3-	Y	Y	Y
45408	NORTHERN STATE COLL	ABERDEEN	9	8	11.1-	Y	Y	Y
45417	OGALA LAKOTA COLL	KYLE	0	0		Y	N	N
45409	PRESENTATION COLL	ABERDEEN	7	2	71.4-	Y	Y	Y
45413	SD MAIN CAMPUS, UNIV OF	VERMILLION	65 E	78	20.0	Y	N	N
45411	SD SCH MINES & TECHNOLOGY	RAPID CITY	192	224	16.7	Y	Y	Y
45412	SD STATE UNIV	BROOKINGS	310	249 E	19.7-	Y	Y	Y
45410	SIOUX FALLS COLL	SIOUX FALLS	10	5	50.0-	Y	N	N
45419	SISSETON-WAHPETON CMTY C	SISSETON	0	0		Y	N	N
	TOTAL SOUTH DAKOTA		749	704	6.0-			
	TENNESSEE							
62400	AQUINAS JR COLL	NASHVILLE	0	6	**	Y	Y	Y
62401	AUSTIN PEAY STATE UNIV	CLARKSVILLE	42	24	42.9-	Y	Y	N
62402	BELMONT COLL	NASHVILLE	88	93	5.7	Y	Y	Y
62403	BETHEL COLL	MCKENZIE	7	8	14.3	Y	Y	Y
62404	BRYAN COLL	DAYTON	13	16	23.1	Y	Y	Y
62405	CARSON-NEWMAN COLL	JEFFERSON CITY	14	16	14.3	Y	Y	Y
62479	CHATTANOOGA STATE TECH CC	CHATTANOOGA	6	7	16.7	Y	Y	Y
62406	CHRISTIAN BROTHERS COLL	MEMPHIS	63	48 E	23.8-	Y	Y	Y
62407	CLEVELAND STATE CMTY COLL	CLEVELAND	2	1	50.0-	Y	Y	Y
62408	COLUMBIA STATE CMTY COLL	COLUMBIA	4	2	50.0-	Y	Y	Y
62409	COVENANT COLL	LOOKOUT MTN	17	M				
62410	CUMBERLAND UNIV	LEBANON	5	4	20.0-	Y	Y	Y
62411	DAVID LIPSCOMB COLL	NASHVILLE	20	16	20.0-	Y	Y	Y
62412	DYERSBURG STATE CMTY COLL	DYERSBURG	4	2	50.0-	Y	Y	Y
62413	EAST TENN STATE UNIV	JOHNSON CITY	103	102	1.0-	Y	Y	Y
62414	FISK UNIV	NASHVILLE	23	22	4.3-	Y	N	N
62416	FREED-HARDEMAN COLL	HENDERSON	28	41	46.4	Y	N	N
62418	HARDING GRAD SCH RELIGION	MEMPHIS	5	6	20.0	Y	Y	Y
62419	HIWASSEE COLL	MADISONVILLE	32	31	3.1-	Y	Y	Y
62420	JACKSON STATE CMTY COLL	JACKSON	0	0		Y	N	N
62482	JOHN A GUPTON COLL	NASHVILLE	0	0		Y	N	N
62421	JOHNSON BIBLE COLL	KNOXVILLE	8	9	12.5	Y	Y	Y
62422	KING COLL	BRISTOL	46	45	2.2-	Y	Y	Y

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						S1	S2	S3
62423	KNOXVILLE COLL	KNOXVILLE	10 E	Z				
62424	LAMBUTH COLL	JACKSON	22 E	22	0.0	Y	Y	Y
62425	LANE COLL	JACKSON	4	4	0.0	Y	Y	Y
62427	LE MOYNE-OWEN COLL	MEMPHIS	12 E	12	0.0	Y	N	N
62426	LEE COLL	CLEVELAND	45	54	20.0	Y	Y	Y
62428	LINCOLN MEMORIAL UNIV	HARROGATE	153	99	35.3-	Y	Y	Y
62429	MARTIN COLL	PULASKI	14	13	7.1-	Y	Y	N
62430	MARYVILLE COLL	MARYVILLE	53	48	9.4-	Y	Y	Y
62431	MEHARRY MEDICAL COLL	NASHVILLE	19	16	15.8-	Y	Y	Y
62432	MEMPHIS COLL OF ART	MEMPHIS	13 E	8	38.5-	Y	Y	Y
62433	MEMPHIS STATE UNIV	MEMPHIS	332	394	18.7	Y	Y	N
62494	MID-AMERICA BAPTIST SEM	MEMPHIS	7	10	42.9	Y	Y	Y
62434	MIDDLE TENN STATE UNIV	MURFREESBORO	196 E	160	18.4-	Y	Y	N
62436	MILLIGAN COLL	MILLIGAN COLL	2	3	50.0	Y	Y	Y
62437	MORRISTOWN COLL	MORRISTOWN	1	Z				
62438	MOTLOW STATE CMTY COLL	TULLAHOMA	3	17	466.7	Y	Y	Y
62439	NASHVILLE STATE TECH INST	NASHVILLE	14	14	0.0	Y	Y	Y
62446	RHODES COLL	MEMPHIS	9	9	0.0	Y	Y	Y
62478	ROANE STATE CMTY COLL	HARRIMAN	4	7	75.0	Y	Y	Y
62442	SCARRITT GRADUATE SCH	NASHVILLE	9	7	22.2-	Y	Y	Y
62477	SHELBY STATE CMTY COLL	MEMPHIS	N	N		N	N	N
62443	SOUTH, UNIV OF THE	SEWANEE	10	14	40.0	Y	Y	Y
62486	STATE TECH INST KNOXVILLE	KNOXVILLE	7	16	128.6	Y	Y	Y
62447	STATE TECH INST MEMPHIS	MEMPHIS	2	6	200.0	Y	Y	Y
62444	STHN COLL OF OPTOMETRY	MEMPHIS	1	0	100.0-	Y	N	N
62445	STHN COLL OF S D A	COLLEGEDALE	23	27	17.4	Y	Y	Y
62460B	TENN CHATTANOOGA, UNIV OF	CHATTANOOGA	96	105	9.4	Y	Y	Y
62450	TENN KNOXVILLE, UNIV OF	KNOXVILLE	885	839	5.2-	Y	Y	Y
62460C	TENN MARTIN, UNIV OF	MARTIN	302	303	0.3	Y	Y	Y
62460A	TENN MEMPHIS, UNIV OF	MEMPHIS	20	36	80.0	Y	Y	Y
62460E	TENN SPACE INST, UNIV OF	TULLAHOMA	24	25	4.2	Y	Y	Y
62448	TENN STATE UNIV	NASHVILLE	449	516	14.9	Y	N	N
62449	TENN TECHNOLOGICAL UNIV	COOKEVILLE	298	268	10.1-	Y	Y	N
62470	TENN WESLEYAN COLL	ATHENS	14	14	0.0	Y	Y	Y
62487	TOMLINSON COLL	CLEVELAND	8	14	75.0	Y	Y	Y
62471	TREVECCA NAZARENE COLL	NASHVILLE	21	20	4.8-	Y	Y	N
62496	TRI-CITIES ST TECH INST	BLOUNTVILLE	0	0		Y	N	N
62472	TUSCULUM COLL	GREENEVILLE	13	9	30.8-	Y	Y	Y
62473	UNION UNIV	JACKSON	15	16	6.7	Y	Y	Y
62474	VANDERBILT UNIV	NASHVILLE	449	450	0.2	Y	Y	Y
62475	VOLUNTEER STATE CMTY COLL	GALLATIN	0	0		Y	N	N
62476	WALTERS STATE CMTY COLL	MORRISTOWN	2	4	100.0	Y	Y	Y
	TOTAL TENNESSEE		4,091	4,078	0.3-			
	TEXAS							
74400	ABILENE CHRISTIAN UNIV	ABILENE	98	94	4.1-	Y	Y	Y
74401	ALVIN CMTY COLL	ALVIN	13	14	7.7	Y	Y	Y
74402	AMARILLO COLL	AMARILLO	18	14	22.2-	Y	Y	Y
74553	AMBER UNIV	GARLAND	12	0	100.0-	Y	N	N
74550	AMERICAN TECHNOLOGICAL U	KILLEEN	7	10	42.9	Y	Y	Y
74536	ANGELINA COLL	LUFKIN	0	0		Y	N	N
74404	ANGELO STATE UNIV	SAN ANGELO	82	75	8.5-	Y	Y	Y
74535	AUSTIN CMTY COLL	AUSTIN	335 E	318 E	5.1-	Y	Y	Y
74406	AUSTIN COLL	SHERMAN	38	31	18.4-	Y	Y	N
74407	AUSTIN PRESB THEOL SEM	AUSTIN	3	2	33.3-	Y	Y	Y
74557	BAPT MISSIONARY THEOL SEM	JACKSONVILLE	4	4	0.0	Y	Y	Y
74554	BAUDER FASHION COLL	ARLINGTON	15	7	53.3-	Y	Y	Y
74542	BAYLOR COLL OF DENTISTRY	DALLAS	10	12	20.0	Y	Y	Y
74408	BAYLOR COLL OF MEDICINE	HOUSTON	62	81	30.6	Y	Y	Y
74409	BAYLOR UNIV	WACO	211	202	4.3-	Y	Y	Y
74410	BEE COUNTY COLL	BEEVILLE	4	0	100.0-	Y	N	N
74412	BISHOP COLL	DALLAS	335	130	61.2-	Y	N	N
74413	BLINN COLL	BRENHAM	67	74	10.4	Y	Y	Y
74414	BRAZOSPORT COLL	LAKE JACKSON	7	8	14.3	Y	Y	Y
74424G	BROOKHAVEN COLL	FARMERS BRANCH	53 E	70	32.1	Y	N	N

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74424E	CEDAR VALLEY COLL	LANCASTER	0	0		Y	N	N
74416	CENTRAL TEXAS COLL	KILLEEN	60 E	63	5.0	Y	Y	Y
74418	CISCO JR COLL	CISCO	0	0		Y	N	N
74419	CLARENDON COLL	CLARENDON	2	2	0.0	Y	Y	Y
74420	CONCORDIA LUTHERAN COLL	AUSTIN	12	2	83.3-	Y	Y	Y
74421	COOKE COUNTY COLL	GAINESVILLE	13	43	230.8	Y	Y	Y
74502B	CORPUS CHRISTI STATE UNIV	CORPUS CHRSTI	12	13	8.3	Y	Y	Y
74423	DALLAS BAPTIST UNIV	DALLAS	77	82	6.5	Y	Y	N
74425	DALLAS THEOLOGICAL SEM	DALLAS	87	108	24.1	Y	N	N
74426	DALLAS, UNIV OF	IRVING	297	302 E	1.7	Y	Y	N
74427	DEL MAR COLL	CORPUS CHRSTI	20	23	15.0	Y	Y	Y
74545	DEVRY INST OF TECHNOLOGY	IRVING	46 F	31	32.6-	Y	Y	Y
74555	EAST TEX STATE U TEXARKNA	TEXARKANA	0	5	**	Y	N	N
74429	EAST TEXAS BAPTIST UNIV	MARSHALL	12	14	16.7	Y	Y	Y
74430	EAST TEXAS STATE UNIV	COMMERCE	308	197	36.0-	Y	Y	N
74424A	EASTFIELD COLL	MESQUITE	7	15	114.3	Y	Y	N
74424B	EL CENTRO COLL	DALLAS	49	68	38.8	Y	Y	Y
74530	EL PASO CMTY COLL	EL PASO	272 E	211	22.4-	Y	Y	N
74431	EPISCOPAL THEO SEM STHWST	AUSTIN	5	5	0.0	Y	Y	Y
74558	FASHION & ART INST DALLAS	DALLAS	6	1	83.3-	Y	Y	Y
74433	FRANK PHILLIPS COLL	BORGER	0	5	**	Y	N	N
74434	GALVESTON COLL	GALVESTON	5	23	360.0	Y	Y	N
74435	GRAYSON COUNTY COLL	DENISON	1	0	100.0-	Y	N	N
74436	HARDIN-SIMMONS UNIV	ABILENE	15	13	13.3-	Y	Y	Y
74438	HILL JR COLL	HILLSBORO	7	9	28.6	Y	Y	N
74439	HOUSTON BAPTIST UNIV	HOUSTON	136	128	5.9-	Y	Y	Y
74441A	HOUSTON CLEAR LAKE CITY,U	HOUSTON	95	94	1.1-	Y	Y	Y
74546	HOUSTON CMTY COLL	HOUSTON	392	459	17.1	Y	Y	Y
74441B	HOUSTON DOWNTOWN, U	HOUSTON	381	292	23.4-	Y	Y	Y
74441C	HOUSTON VICTORIA, U OF	VICTORIA	1	4	300.0	Y	Y	Y
74441	HOUSTON, UNIV OF	HOUSTON	2,258	2,113	6.4-	Y	Y	Y
74442	HOWARD CO JC DISTRICT	BIG SPRING	5	5	0.0	Y	Y	Y
74443	HOWARD PAYNE UNIV	BROWNWOOD	1	2	100.0	Y	Y	Y
74444	HUSTON-TILLOTSON COLL	AUSTIN	177	139	21.5-	Y	Y	N
74445	INCARNATE WORD COLL	SAN ANTONIO	53	71	34.0	Y	Y	Y
74446	JACKSONVILLE COLL	JACKSONVILLE	32	46	43.8	Y	Y	Y
74447	JARVIS CHRISTIAN COLL	HAWKINS	0	0		Y	N	N
74448	KILGORE COLL	KILGORE	6	3	50.0-	Y	Y	Y
74449	LAMAR UNIV	BEAUMONT	307	280	8.8-	Y	Y	Y
74450	LAREDO JR COLL	LAREDO	7	238	300.0	Y	N	N
74502A	LAREDO STATE UNIV	LAREDO	46	56	21.7	Y	N	N
74451	LEE COLL	BAYTOWN	30	14	53.3-	Y	Y	Y
74452	LETOURNEAU COLL	LONGVIEW	39	45	15.4	Y	Y	Y
74454	LON MORRIS COLL	JACKSONVILLE	15	24	60.0	Y	Y	Y
74455	LUBBOCK CHRISTIAN COLL	LUBBOCK	56	45	19.6-	Y	Y	Y
74457	MAINLAND, COLL OF THE	TEXAS CITY	6	10	66.7	Y	N	N
74459	MARY HARDIN-BAYLOR, U OF	BELTON	64	82	28.1	Y	Y	N
74460	MCLENNAN CMTY COLL	WACO	22	16	27.3-	Y	Y	Y
74461	MCMURRY COLL	ABILENE	5	5	0.0	Y	Y	Y
74534	MIDLAND COLL	MIDLAND	29	32	10.3	Y	Y	Y
74462	MIDWESTERN STATE UNIV	WICHITA FALLS	51 E	55 E	7.8	Y	Y	Y
74424C	MOUNTAIN VIEW COLL	DALLAS	5	5	0.0	Y	Y	Y
74463	NAVARRO COLL	CORSICANA	2	5	150.0	Y	N	N
74548	NORTH HARRIS COUNTY COLL	HOUSTON	63	61	3.2-	Y	Y	Y
74424F	NORTH LAKE COLL	IRVING	22	29	31.8	Y	Y	N
74464	NORTH TEXAS STATE UNIV	DENTON	2,164 E	1,946	10.1-	Y	Y	Y
74559	NORTHEAST TEXAS CMTY COLL	MOUNT PLEASANT		2 F	**	Y	Y	Y
74552	NORTHWOOD INST	CEDAR HILL	2	3	50.0	Y	N	N
74465	OBLATE SCH OF THEOLOGY	SAN ANTONIO	5	4	20.0-	Y	Y	Y
74466	ODESSA COLL	ODESSA	5	9	80.0	Y	Y	Y
74467	OUR LADY OF LAKE UNIV	SAN ANTONIO	50	39	22.0-	Y	Y	Y
74468	PAN AMERICAN UNIV	EDINBURG	108	105	2.8-	Y	Y	Y
74469	PANOLA JR COLL	CARTHAGE	2	0	100.0-	Y	N	N
74470	PARIS JR COLL	PARIS	50	48	4.0-	Y	Y	Y
74471	PAUL QUINN COLL	WACO	9	6	33.3-	Y	N	N
74503A	PRAIRIE VIEW A&M UNIV	PRAIRIE VIEW	435	358	17.7-	Y	Y	N
74472	RANGER JR COLL	RANGER	9	5	44.4-	Y	Y	Y

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74473	RICE UNIV	HOUSTON	386	395	2.3	Y	Y	Y
74424D	RICHLAND COLL	DALLAS	155	107	31.0-	Y	Y	N
74478	SAM HOUSTON STATE UNIV	HUNTSVILLE	286	199	30.4-	Y	N	N
74479B	SAN ANTONIO COLL	SAN ANTONIO	639	819	28.2	Y	Y	N
74480	SAN JACINTO COLL CENTRAL	PASADENA	512	340	33.6-	Y	Y	Y
74480A	SAN JACINTO COLL NORTH	HOUSTON	10	7	30.0-	Y	Y	Y
74481	SCHREINER COLL	KERRVILLE	12	10	16.7-	Y	Y	Y
74483	SOUTH PLAINS COLL	LEVELLAND	66	43	34.8-	Y	N	N
74487	SOUTHERN METHODIST UNIV	DALLAS	410	501	22.2	Y	Y	N
74442A	SOUTHWEST COLL INST DEAF	BIG SPRING	0	0		Y	N	N
74491	SOUTHWEST TEXAS JR COLL	UVALDE	22	16	27.3-	Y	Y	Y
74492	SOUTHWEST TEXAS STATE U	SAN MARCOS	245	194	20.8-	Y	Y	Y
74495	SOUTHWESTERN ADVNTST COLL	KEENE	50	66	32.0	Y	Y	Y
74493	SOUTHWESTERN ASSEMB GOD C	WAXAHACHIE	10	6	40.0-	Y	Y	Y
74494	SOUTHWESTERN BAPT SEM	FORT WORTH	82	88	7.3	Y	Y	N
74541	SOUTHWESTERN CHRSTN COLL	TERRELL	23	34	47.8	Y	Y	Y
74496	SOUTHWESTERN UNIV	GEORGETOWN	18	18	0.0	Y	Y	Y
74475	ST EDWARD'S UNIV	AUSTIN	325	280	13.8-	Y	Y	Y
74476	ST MARY'S UNIV	SAN ANTONIO	150	141	6.0-	Y	Y	Y
74479A	ST PHILLIP'S COLL	SAN ANTONIO	39 E	25 E	35.9-	Y	Y	Y
74477	ST THOMAS, UNIV OF	HOUSTON	149	137	8.1-	Y	Y	Y
74497	STEPHEN F AUSTIN STATE U	NACOGDOCHES	65	52	20.0-	Y	Y	Y
74498	SUL ROSS STATE UNIV	ALPINE	33	21	36.4-	Y	Y	Y
74503B	TARLETON STATE UNIV	STEPHENVILLE	52	16	69.2-	Y	Y	Y
74499A	TARRANT COUNTY JR COLL	FORT WORTH	59	42	28.8-	Y	Y	Y
74500	TEMPLE JR COLL	TEMPLE	3	8	166.7	Y	Y	Y
74502	TEX A&I UNIV	KINGSVILLE	294	203	31.0-	Y	Y	Y
74503C	TEX A&M UNIV AT GALVESTON	GALVESTON	26	22	15.4-	Y	Y	N
74503	TEX A&M UNIV MAIN CAMPUS	COLLEGE STATION	1,672	1,717	2.7	Y	Y	Y
74510A	TEX ARLINGTON, UNIV OF	ARLINGTON	1,284	1,109	13.6-	Y	Y	N
74510	TEX AUSTIN, UNIV OF	AUSTIN	3,000	3,135	4.5	Y	Y	Y
74540	TEX CHIROPRACTIC COLL	PASADENA	19	9	52.6-	Y	Y	Y
74504	TEX CHRISTIAN UNIV	FORT WORTH	194	195	0.5	Y	Y	Y
74505	TEX COLL	TYLER	119	72	39.5-	Y	Y	N
74510B	TEX DALLAS, UNIV OF	RICHARDSON	378	354	6.3-	Y	Y	Y
74510C	TEX EL PASO, UNIV OF	EL PASO	801	885	10.5	Y	Y	N
74510K	TEX HLTH SCI CTR DALLAS,U	DALLAS	25 E	43	72.0	Y	N	N
74510E	TEX HLTH SCI CTR HOUSTN,U	HOUSTON	131	113	13.7-	Y	Y	Y
74510I	TEX HLTH SCI SAN ANTON, U	SAN ANTONIO	27	38	40.7	Y	Y	Y
74506	TEX LUTHERAN COLL	SEGUIN	9	10	11.1	Y	Y	Y
74510D	TEX MED BRANCH GALVSTN, U	GALVESTON	40	44	10.0	Y	Y	Y
74510G	TEX PERMIAN BASIN, U OF	ODESSA	12	15	25.0	Y	Y	Y
74510H	TEX SAN ANTONIO, UNIV OF	SAN ANTONIO	114	104	8.8-	Y	Y	Y
74507	TEX SOUTHERN UNIV	HOUSTON	1,142	890	22.1-	Y	Y	Y
74508	TEX SOUTHMOST COLL	BROWNSVILLE	130	316	143.1	Y	Y	N
74538A	TEX ST TECH MID-CONTINENT	AMARILLO	9	1	88.9-	Y	Y	Y
74538B	TEX ST TECH RIO GRANDE	HARLINGEN	5	3	40.0-	Y	Y	Y
74538C	TEX ST TECH SWEETWATER	SWEETWATER	0	0		Y	N	N
74538	TEX ST TECH WACO	WACO	12	13	8.3	Y	Y	Y
74509	TEX TECH UNIV	LUBBOCK	1,129	724	35.9-	Y	Y	Y
74537	TEX TYLER, UNIV OF	TYLER	35	51	45.7	Y	Y	Y
74520	TEX WESLEYAN COLL	FORT WORTH	41	63	53.7	Y	Y	Y
74521	TEX WOMAN'S UNIV	DENTON	435	404	7.1-	Y	Y	N
74501	TEXARKANA COLL	TEXARKANA	3	3	0.0	Y	Y	Y
74522	TRINITY UNIV	SAN ANTONIO	62	55	11.3-	Y	Y	Y
74437	TRINITY VALLEY CMTY COLL	ATHENS	35	34	2.9-	Y	Y	Y
74523	TYLER JR COLL	TYLER	45	47 E	4.4	Y	N	N
74524	VICTORIA COLL	VICTORIA	6	5	16.7-	Y	Y	Y
74525	WAYLAND BAPTIST UNIV	PLAINVIEW	41	34	17.1-	Y	Y	Y
74526	WEATHERFORD COLL	WEATHERFORD	56	47	16.1-	Y	Y	N
74527	WEST TEXAS STATE UNIV	CANYON	111	97	12.6-	Y	Y	N
74532	WESTERN TEXAS COLL	SNYDER	7	2	71.4-	Y	Y	Y
74528	WHARTON COUNTY JR COLL	WHARTON	17	15	11.8-	Y	Y	Y
74529	WILEY COLL	MARSHALL	26	13	50.0-	Y	Y	Y
	TOTAL TEXAS		25,125	23,714	5.6-			

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	UTAH							
87400	BRIGHAM YOUNG UNIV	PROVO	1,399	1,732	23.8	Y	Y	N
87410B	DIXIE COLL	SAINT GEORGE	18	13	27.8-	Y	Y	Y
87410C	EASTERN UTAH, COLL OF	PRICE	4	7	75.0	Y	Y	Y
87401	LATTER-DAY SAINTS BUS C	SALT LAKE CITY	85 E	85 L	0.0	Y	N	N
87410H	SALT LAKE CMTY COLL	SALT LAKE CITY	33	26	21.2-	Y	Y	Y
87410D	SNOW COLL	EPHRAIM	78	96	23.1	Y	Y	Y
87410E	SOUTHERN UTAH STATE COLL	CEDAR CITY	25	26	4.0	Y	Y	N
87410F	UTAH STATE UNIV	LOGAN	860	997	15.9	Y	Y	Y
87410G	UTAH VALLEY CMTY COLL	OREM	123 E	142	15.4	Y	Y	Y
87410	UTAH, UNIV OF	SALT LAKE CITY	1,044	1,063	1.8	Y	Y	Y
87410I	WEBER STATE COLL	OGDEN	220 E	182	17.3-	Y	Y	Y
87420	WESTMINSTER COLL	SALT LAKE CITY	45	48	6.7	Y	Y	Y
	TOTAL UTAH		3,934	4,417	12.3			
	VERMONT							
13401	BENNINGTON COLL	BENNINGTON	39 E	27 E	30.8-	Y	Y	Y
13422	BURLINGTON COLL	BURLINGTON	0	0		Y	N	N
13402	CASTLETON STATE COLL	CASTLETON	3	3	0.0	Y	Y	Y
13403	CHAMPLAIN COLL	BURLINGTON	10	13	30.0	Y	Y	Y
13404	GODDARD COLL	PLAINFIELD	10	10	0.0	Y	Y	Y
13405	GREEN MOUNTAIN COLL	POULTNEY	11	13	18.2	Y	Y	Y
13417	INTL TRAINING, SCH FOR	BRATTLEBORO	155	543 E	250.3	Y	Y	Y
13406	JOHNSON STATE COLL	JOHNSON	14	13	7.1-	Y	Y	Y
13407	LYNDON STATE COLL	LYNDONVILLE	2	3	50.0	Y	Y	Y
13408	MARLBORO COLL	MARLBORO	7	10	42.9	Y	Y	Y
13409	MIDDLEBURY COLL	MIDDLEBURY	162	168	3.7	Y	Y	Y
13410	NORWICH UNIV MAIN CAMPUS	NORTHFIELD	21	24	14.3	Y	Y	Y
13419	SOUTHERN VERMONT COLL	BENNINGTON	7	4	42.9-	Y	Y	Y
13411	ST JOSEPH IN VT, COLL OF	RUTLAND	1	1	0.0	Y	Y	Y
13412	ST MICHAEL'S COLL	WINOOSKI	128	149	16.4	Y	Y	Y
13423	STERLING COLL	CRAFTSBURY COMM	1	1	0.0	Y	Y	Y
13413	TRINITY COLL	BURLINGTON	1	2	100.0	Y	Y	Y
13410A	VERMONT COLL OF NORWICH U	MONTPELIER	5	9	80.0	Y	Y	Y
13418	VERMONT LAW SCH	SO ROYALTON	2	3	50.0	Y	Y	Y
13414	VERMONT TECHNICAL COLL	RANDOLPH CENTER	2	2	0.0	Y	Y	Y
13421	VERMONT, CMTY COLL OF	WATERBURY	3	2	33.3-	Y	Y	Y
13415	VERMONT, UNIV OF	BURLINGTON	126	132	4.8	Y	Y	N
	TOTAL VERMONT		710	1,132	59.4			
	VIRGIN ISLANDS							
96400	VIRGIN ISLANDS, UNIV OF	SAINT THOMAS	241	252	4.6	Y	Y	N
	TOTAL VIRGIN ISLANDS		241	252	4.6			
	VIRGINIA							
54401	AVERETT COLL	DANVILLE	36	34	5.6-	Y	Y	Y
54402	BLUEFIELD COLL	BLUEFIELD	12	10	16.7-	Y	Y	Y
54403	BRIDGEWATER COLL	BRIDGEWATER	8	6	25.0-	Y	Y	Y
54467	CBN UNIV	VIRGINIA BEACH	18	24	33.3	Y	Y	Y
54450B	CENTRAL VA CMTY COLL	LYNCHBURG	2	1	50.0-	Y	Y	Y
54468	CHRISTENDOM COLL	FRONT ROYAL	1	4	300.0	Y	N	N
54462A	CHRISTOPHER NEWPORT COLL	NEWPORT NEWS	5	6	20.0	Y	Y	Y
54450C	DABNEY LANCASTER CC	CLIFTON FORGE	0	1	**	Y	N	N
54450D	DANVILLE CMTY COLL	DANVILLE	0	3 E	**	Y	Y	N
54404	EASTERN MENNONITE COLL	HARRISONBURG	37	43	16.2	Y	Y	Y
54450E	EASTERN SHORE CMTY COLL	MELFA	2	0	100.0-	Y	N	N
54464	EASTERN VA MEDICAL SCH	NORFOLK	0	0		Y	N	N
54405	EMORY & HENRY COLL	EMORY	2	2	0.0	Y	Y	Y
54406	FERRUM COLL	FERRUM	8	9	12.5	Y	Y	Y

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54407	GEORGE MASON UNIV	FAIRFAX	754	707	6.2-	Y	Y	Y
54450F	GERMANNA CMTY COLL	LOCUST GROVE	0	2	**	Y	Y	Y
54408	HAMPDEN-SYDNEY COLL	HAMPDEN-SYDNEY	2	4	100.0	Y	Y	Y
54409	HAMPTON UNIV	HAMPTON	81	109	34.6	Y	Y	Y
54410	HOLLINS COLL	HOLLINS COLLEGE	9	12	33.3	Y	Y	Y
54450X	J SARGEANT REYNOLDS CC	RICHMOND	25	24	4.0-	Y	Y	Y
54415	JAMES MADISON UNIV	HARRISONBURG	20	27	35.0	Y	Y	Y
54450G	JOHN TYLER CMTY COLL	CHESTER	4	1	75.0-	Y	Y	Y
54466	LIBERTY UNIV	LYNCHBURG	131	111	15.3-	Y	Y	Y
54413	LONGWOOD COLL	FARMVILLE	10	13	30.0	Y	N	N
54450H	LORD FAIRFAX CMTY COLL	MIDDLETOWN	0	3	**	Y	Y	N
54414	LYNCHBURG COLL	LYNCHBURG	44	43	2.3-	Y	Y	Y
54416	MARY BALDWIN COLL	STAUNTON	14	16	14.3	Y	Y	Y
54417	MARY WASHINGTON COLL	FREDERICKSBURG	18	16	11.1-	Y	Y	N
54418	MARYMOUNT UNIV	ARLINGTON	146	126	13.7-	Y	Y	Y
54439A	MEDICAL COLL OF VIRGINIA	RICHMOND	50	65	30.0	Y	Y	Y
54450I	MOUNTAIN EMPIRE CMTY COLL	BIG STONE GAP	0	0		Y	N	N
54450J	NEW RIVER CMTY COLL	DUBLIN	0	4	**	Y	Y	Y
54422	NORFOLK STATE UNIV	NORFOLK	157	101	35.7-	Y	Y	Y
54450K	NORTHERN VA CMTY COLL	ANNANDALE	1,481	1,650 E	11.4	Y	Y	N
54423	OLD DOMINION UNIV	NORFOLK	541	580	7.2	Y	Y	Y
54450L	PATRICK HENRY CMTY COLL	MARTINSVILLE	3	3	0.0	Y	Y	Y
54450M	PAUL D CAMP CMTY COLL	FRANKLIN	2	0	100.0-	Y	N	N
54450N	PIEDMONT VA CMTY COLL	CHARLOTTESVILLE	16	11 E	31.3-	Y	Y	Y
54424	PRESB SCH OF CHRISTIAN ED	RICHMOND	20	16	20.0-	Y	Y	Y
54426	RADFORD UNIV	RADFORD	65	101	55.4	Y	Y	Y
54427	RANDOLPH-MACON COLL	ASHLAND	8	12	50.0	Y	Y	Y
54428	RANDOLPH-MACON WOMAN'S C	LYNCHBURG	27	30	11.1	Y	Y	Y
54450O	RAPPAHANNOCK CMTY COLL	GLENNS	1	1	0.0	Y	Y	Y
54462B	RICHARD BLAND C WM & MARY	PETERSBURG	6	3	50.0-	Y	Y	Y
54429	RICHMOND, UNIV OF	U OF RICHMOND	24	29	20.8	Y	Y	Y
54430	ROANOKE COLL	SALEM	6	7	16.7	Y	Y	Y
54432	SHENANDOAH COLL	WINCHESTER	13	19 E	46.2	Y	N	N
54433	SOUTHERN SEM JR COLL	BUENA VISTA	6	8	33.3	Y	Y	Y
54450P	SOUTHSIDE VA CMTY COLL	ALBERTA	2	0	100.0-	Y	N	N
54450Q	SOUTHWEST VA CMTY COLL	RICHLANDS	3	3	0.0	Y	N	N
54431	ST PAUL'S COLL	LAWRENCEVILLE	9	9	0.0	Y	Y	N
54436	SWEET BRIAR COLL	SWEET BRIAR	24	28	16.7	Y	Y	Y
54450R	THOMAS NELSON CMTY COLL	HAMPTON	8	6	25.0-	Y	Y	Y
54450S	TIDEWATER CMTY COLL	PORTSMOUTH	34	65	91.2	Y	Y	Y
54437	UNION THEOL SEM IN VA	RICHMOND	5	7	40.0	Y	N	N
54446B	VIRGINIA CLINCH VLY C, U	WISE	0	1	**	Y	Y	Y
54439	VIRGINIA COMMONWLTH UNIV	RICHMOND	122 E	129	5.7	Y	Y	Y
54450T	VIRGINIA HIGHLANDS CC	ABINGDON	1	3	200.0	Y	Y	Y
54441	VIRGINIA INTERMONT COLL	BRISTOL	12	15	25.0	Y	Y	Y
54446	VIRGINIA MAIN CAMPUS, U OF	CHARLOTTESVILLE	397	441	11.1	Y	Y	Y
54442	VIRGINIA MILITARY INST	LEXINGTON	22	23	4.5	Y	Y	Y
54443	VIRGINIA POLY INST & ST U	BLACKSBURG	1,251	1,372	9.7	Y	Y	N
54444	VIRGINIA STATE UNIV	PETERSBURG	49	29	40.8-	Y	Y	Y
54445	VIRGINIA UNION UNIV	RICHMOND	9	N		N	N	N
54460	VIRGINIA WESLEYAN COLL	NORFOLK	16	13	18.8-	Y	Y	Y
54450U	VIRGINIA WSTN CMTY COLL	ROANOKE	8	7	12.5-	Y	Y	Y
54461	WASHINGTON & LEE UNIV	LEXINGTON	21	18	14.3-	Y	Y	Y
54462	WILLIAM & MARY, COLL OF	WILLIAMSBURG	175 E	198	13.1	Y	Y	N
54450V	WYTHEVILLE CMTY COLL	WYTHEVILLE	0	0		Y	N	N
	TOTAL VIRGINIA		5,983	6,364	6.4			
	WASHINGTON							
91400	BELLEVUE CMTY COLL	BELLEVUE	101	106	5.0	Y	Y	N
91401	BIG BEND CMTY COLL	MOSES LAKE	26	19	26.9-	Y	Y	Y
91402	CENTRAL WASHINGTON UNIV	ELLENSBURG	105	122	16.2	Y	Y	N
91403	CENTRALIA COLL	CENTRALIA	10	2	80.0-	Y	Y	Y
91449	CITY UNIV	BELLEVUE	170	132	22.4-	Y	Y	N
91404	CLARK COLL	VANCOUVER	38	58 E	52.6	Y	N	N
91439	COGSWELL COLL NORTH	KIRKLAND	1 F	Z				

TOTAL COLUMNS LEGEND: C-CLOSED. E-ESTIMATE. F-FIRST POLLING. L-LAST YEAR'S TOTAL. M-MERGED.
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RESPONSE LEGEND (LAST COLUMN): S1: STEP 1. S2: STEP2. S3: STEP3.
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NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
91405	COLUMBIA BASIN CMTY COLL	PASCO	2	2	0.0	Y	Y	Y
91445	CORNISH COLL OF THE ARTS	SEATTLE	9	10	11.1	Y	Y	Y
91406	EASTERN WASHINGTON UNIV	CHENEY	347	347	0.0	Y	Y	Y
91407	EDMONDS CMTY COLL	LYNNWOOD	259	259 E	0.0	Y	Y	Y
91408	EVERETT CMTY COLL	EVERETT	6	7	16.7	Y	Y	Y
91440	EVERGREEN STATE COLL	OLYMPIA	22	28	27.3	Y	Y	Y
91411	GONZAGA UNIV	SPOKANE	241	188 E	22.0-	Y	Y	N
91412	GRAYS HARBOR COLL	ABERDEEN	3	1	66.7-	Y	Y	Y
91413	GREEN RIVER CMTY COLL	AUBURN	9	15	66.7	Y	Y	Y
91450	GRIFFIN COLL	SEATTLE	15	25 E	66.7	Y	Y	N
91410	HERITAGE COLL	TOPPENISH	37	10	73.0-	Y	Y	Y
91414	HIGHLINE CMTY COLL	DES MOINES	147	173	17.7	Y	Y	N
91415	LOWER COLUMBIA COLL	LONGVIEW	3	5	66.7	Y	Y	N
91451	LUMMI CMTY COLL	BELLINGHAM	0	1 E	**	Y	Y	Y
91422B	NORTH SEATTLE CMTY COLL	SEATTLE	0	0		Y	N	N
91416	NORTHWEST COLL	KIRKLAND	14	23	64.3	Y	Y	N
91417	OLYMPIC COLL	BREMERTON	23	22	4.3-	Y	Y	Y
91418	PACIFIC LUTHERAN UNIV	TACOMA	240	227	5.4-	Y	Y	Y
91419	PENINSULA COLL	PORT ANGELES	14	25	78.6	Y	Y	Y
91409	PIERCE COLL	TACOMA	94 E	50 E	46.8-	Y	N	N
91420	PUGET SOUND, UNIV OF	TACOMA	18	19	5.6	Y	Y	Y
91422A	SEATTLE CENTRAL CMTY COLL	SEATTLE	60	72	20.0	Y	Y	Y
91423	SEATTLE PACIFIC UNIV	SEATTLE	110	121	10.0	Y	Y	Y
91424	SEATTLE UNIV	SEATTLE	293	312	6.5	Y	Y	N
91425	SHORELINE CMTY COLL	SEATTLE	225	225 E	0.0	Y	Y	N
91426	SKAGIT VALLEY COLL	MOUNT VERNON	33	42	27.3	Y	Y	Y
91442	SOUTH PUGET SOUND CMTY C	OLYMPIA	100	69	31.0-	Y	Y	Y
91422C	SOUTH SEATTLE CMTY COLL	SEATTLE	128	120	6.3-	Y	Y	Y
91427	SPOKANE CMTY COLL	SPOKANE	5	8	60.0	Y	Y	Y
91443	SPOKANE FALLS CMTY COLL	SPOKANE	31	31	0.0	Y	Y	Y
91421	ST MARTIN'S COLL	LACEY	81	52	35.8-	Y	Y	Y
91429	TACOMA CMTY COLL	TACOMA	75	79	5.3	Y	Y	Y
91431	WALLA WALLA CMTY COLL	WALLA WALLA	23 E	11	52.2-	Y	Y	Y
91430	WALLA WALLA COLL	COLLEGE PLACE	92	86	6.5-	Y	Y	Y
91432	WASHINGTON STATE UNIV	PULLMAN	829	935	12.8	Y	Y	N
91433	WASHINGTON, UNIV OF	SEATTLE	1,652	1,616	2.2-	Y	Y	N
91434	WENATCHEE VALLEY COLL	WENATCHEE	4	8	100.0	Y	Y	Y
91435	WESTERN WASHINGTON UNIV	BELLINGHAM	209	184	12.0-	Y	Y	Y
91444	WHATCOM CMTY COLL	BELLINGHAM	3	6	100.0	Y	Y	Y
91436	WHITMAN COLL	WALLA WALLA	28	24	14.3-	Y	N	N
91437	WHITWORTH COLL	SPOKANE	46	51	10.9	Y	Y	Y
91438	YAKIMA VALLEY CMTY COLL	YAKIMA	51	60 E	17.6	Y	N	N
	TOTAL WASHINGTON		6,032	5,988	0.7-			
	WEST VIRGINIA							
55400	ALDERSON BROADDUS COLL	PHILIPPI	25	27	8.0	Y	Y	Y
55402	BECKLEY COLL	BECKLEY	2	4	100.0	Y	Y	Y
55403	BETHANY COLL	BETHANY	27	28	3.7	Y	N	N
55404	BLUEFIELD STATE COLL	BLUEFIELD	25	17	32.0-	Y	Y	Y
55411	CHARLESTON, UNIV OF	CHARLESTON	31	31	0.0	Y	Y	Y
55405	CONCORD COLL	ATHENS	5	10	100.0	Y	Y	Y
55406	DAVIS & ELKINS COLL	ELKINS	29	24	17.2-	Y	Y	Y
55407	FAIRMONT STATE COLL	FAIRMONT	8	7	12.5-	Y	Y	Y
55408	GLENVILLE STATE COLL	GLENVILLE	6	13	116.7	Y	Y	Y
55410	MARSHALL UNIV	HUNTINGTON	86	76	11.6-	Y	Y	Y
55413	OHIO VALLEY COLL	PARKERSBURG	3	3	0.0	Y	Y	Y
55414	PARKERSBURG CMTY COLL	PARKERSBURG	0	1	**	Y	Y	Y
55421C	POTOMAC STATE COLL	KEYSER	0	0		Y	N	N
55415A	SALEM COLL CLARKSBURG	CLARKSBURG	6	10 E	66.7	Y	N	N
55415	SALEM COLL MAIN CAMPUS	SALEM	7	4	42.9-	Y	Y	Y
55416	SHEPHERD COLL	SHEPHERDSTOWN	2	7	250.0	Y	Y	Y
55417A	STHN W VA CC LOGAN	LOGAN	0	0		Y	N	N
55417B	STHN W VA CC WILLIAMSON	WILLIAMSON	0	0		Y	N	N
55418	WEST LIBERTY STATE COLL	WEST LIBERTY	6	10	66.7	Y	N	N
55424	WEST VA COLL GRAD STUDIES	INSTITUTE	N	3	**	Y	N	N

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NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
55419	WEST VA INST TECHNOLOGY	MONTGOMERY	136 E	118	13.2-	Y	Y	Y
55425	WEST VA NTHN CMTY COLL	WHEELING	0	3	**	Y	Y	Y
55420	WEST VA STATE COLL	INSTITUTE	5	13	160.0	Y	Y	N
55421	WEST VA UNIV	MORGANTOWN	748	748	0.0	Y	Y	Y
55422	WEST VA WESLEYAN COLL	BUCKHANNON	41	38	7.3-	Y	Y	Y
55423	WHEELING COLL	WHEELING	13	25	92.3	Y	Y	Y
	TOTAL WEST VIRGINIA		1,211	1,220	0.7			
	WISCONSIN							
35400	ALVERNO COLL	MILWAUKEE	8	6	25.0-	Y	Y	Y
35465	BELLIN COLL OF NURSING	GREEN BAY	0 F	0		Y	N	N
35401	BELOIT COLL	BELOIT	65	69	6.2	Y	Y	Y
35453	BLACKHAWK TECHNICAL INST	JANESVILLE	1	0	100.0-	Y	N	N
35402	CARDINAL STRITCH COLL	MILWAUKEE	5	4	20.0-	Y	Y	Y
35403	CARROLL COLL	WAUKESHA	10 E	12	20.0	Y	Y	Y
35404	CARTHAGE COLL	KENOSHA	13	6	53.8-	Y	Y	Y
35450	CHIPPEWA VALLEY TECH COLL	EAU CLAIRE	0	0		Y	N	N
35464	COLUMBIA COLL OF NURSING	MILWAUKEE	0	0		Y	N	N
35405	CONCORDIA COLL	MEQUON	10	12	20.0	Y	Y	Y
35406	EDGEWOOD COLL	MADISON	22	20	9.1-	Y	Y	Y
35457	FOX VALLEY TECH INST	APPLETON	1	0	100.0-	Y	N	N
35444	GATEWAY TECH INST-KENOSHA	KENOSHA	1	1	0.0	Y	Y	Y
35444A	GATEWAY TECH INST-RACINE	RACINE	0	0		Y	N	N
35412	INST OF PAPER CHEMISTRY	APPLETON	5	9	80.0	Y	Y	Y
35413	LAKELAND COLL	SHEBOYGAN	7	7	0.0	Y	Y	Y
35449	LAKESHORE TECHNICAL COLL	CLEVELAND	0	1	**	Y	Y	Y
35414	LAWRENCE UNIV	APPLETON	23	24	4.3	Y	Y	Y
35416	MADISON AREA TECH COLL	MADISON	4	4	0.0	Y	Y	Y
35417	MARIAN COLL FOND DU LAC	FOND DU LAC	4	3	25.0-	Y	Y	Y
35418	MARQUETTE UNIV	MILWAUKEE	471	492	4.5	Y	Y	Y
35419	MEDICAL COLL OF WISCONSIN	MILWAUKEE	15	20	33.3	Y	Y	Y
35451	MID-STATE TECHNICAL COLL	WISC RAPIDS	1	1	0.0	Y	Y	Y
35421	MILWAUKEE AREA TECH COLL	MILWAUKEE	23	16	30.4-	Y	Y	Y
35422	MILWAUKEE SCH ENGINEERING	MILWAUKEE	61	40	34.4-	Y	N	N
35454	MORAINE PARK TECH COLL	FOND DU LAC	1	0	100.0-	Y	N	N
35423	MOUNT MARY COLL	MILWAUKEE	15	21	40.0	Y	Y	Y
35424	MOUNT SENARIO COLL	LADYSMITH	41	37	9.8-	Y	Y	Y
35443	NICOLET COLL & TECH INST	RHINELANDER	3	0	100.0-	Y	N	N
35452	NORTH CENTRAL TECH COLL	WAUSAU	96	23	76.0-	Y	Y	Y
35445	NORTHEAST WISC TECH INST	GREEN BAY	1	0	100.0-	Y	N	N
35426	NORTHLAND COLL	ASHLAND	7	10	42.9	Y	Y	N
35458	NORTHWESTERN COLL	WATERTOWN	0	0		Y	N	N
35429	RIPON COLL	RIPON	20	23	15.0	Y	Y	Y
35410	SILVER LAKE COLL	MANITOWOC	2	3	50.0	Y	Y	Y
35456	ST FRANCIS SEM	MILWAUKEE	5	7	40.0	Y	Y	Y
35432	ST NORBERT COLL	DE PERE	1	6	500.0	Y	Y	Y
35448	STHWST WISC VOC TECH INST	FENNIMORE	0	0		Y	N	N
35434	VITERBO COLL	LA CROSSE	4	5	25.0	Y	Y	Y
35455	WAUKESHA COUNTY TECH INST	PEWAUKEE	0	0		Y	N	N
35446	WESTERN WISC TECH INST	LA CROSSE	0	0		Y	N	N
35440Y	WISCONSIN CENTERS, U OF	MADISON	50 E	58 E	16.0	Y	Y	Y
35440B	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE	212	194	8.5-	Y	Y	Y
35440C	WISCONSIN GREEN BAY, U OF	GREEN BAY	96	76	20.8-	Y	Y	Y
35463	WISCONSIN INDIANHEAD VOC	SHELL LAKE	0	0		Y	N	N
35440D	WISCONSIN LA CROSSE, U OF	LA CROSSE	56	58	3.6	Y	Y	Y
35462	WISCONSIN LUTHERAN COLL	MILWAUKEE	0	3	**	Y	Y	Y
35440	WISCONSIN MADISON, U OF	MADISON	2,789	2,825	1.3	Y	Y	Y
35440G	WISCONSIN MILWAUKEE, U OF	MILWAUKEE	755	760	0.7	Y	Y	Y
35440H	WISCONSIN OSHKOSH, U OF	OSHKOSH	96	107	11.5	Y	Y	N
35440J	WISCONSIN PARKSIDE, U OF	KENOSHA	11	25	127.3	Y	Y	Y
35440K	WISCONSIN PLATTEVL, U OF	PLATTEVILLE	70 E	45	35.7-	Y	Y	Y
35440M	WISCONSIN RIVER FLS, U OF	RIVER FALLS	83	52	37.3-	Y	Y	Y
35466	WISCONSIN SCH PROF PSYCH	MILWAUKEE	0 F	0		Y	N	N
35440Q	WISCONSIN STEVNS PNT,U OF	STEVENS POINT	222	203	8.6-	Y	Y	Y
35440R	WISCONSIN STOUT, UNIV OF	MENOMONIE	216	188	13.0-	Y	Y	Y

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NRC	INSTITUTION	CITY	1986/87 TOTAL	1987/88 TOTAL	% CHANGE	RESPONSE S1	S2	S3
35440T	WISCONSIN SUPERIOR, U OF	SUPERIOR	47	44	6.4-	Y	Y	Y
35440W	WISCONSIN WHITEWATER,U OF	WHITEWATER	129	131	1.6	Y	Y	Y
	TOTAL WISCONSIN		5,778	5,651	2.2-			
	WYOMING							
83400	CASPER COLL	CASPER	11	8	27.3-	Y	Y	Y
83401	CENTRAL WYOMING COLL	RIVERTON	1	2	100.0	Y	Y	Y
83402	EASTERN WYOMING COLL	TORRINGTON	1	3	200.0	Y	Y	Y
83407	LARAMIE COUNTY CMTY COLL	CHEYENNE	0	0		Y	N	N
83403	NORTHWEST CMTY COLL	POWELL	21	24	14.3	Y	Y	Y
83404	SHERIDAN COLL	SHERIDAN	13	20	53.8	Y	N	N
83405	WESTERN WYOMING COLL	ROCK SPRINGS	4	3	25.0-	Y	Y	Y
83406	WYOMING, UNIV OF	LARAMIE	410 E	428 E	4.4	Y	Y	Y
	TOTAL WYOMING		461	488	5.9			
FINAL TOTALS			349,609	356,187	1.9			

INSTITUTIONS LISTED -- 2,893

TOTAL COLUMNS LEGEND: C-CLOSED. E-ESTIMATE. F-FIRST POLLING. L-LAST YEAR'S TOTAL. M-MERGED.
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A2. COUNTRY OR OTHER PLACE OF ORIGIN OF FOREIGN STUDENTS

Appendix 2 presents the distribution of nonimmigrant foreign students in the United States by country, or other locality, continental subregion, and world region of origin.
The following statistics are presented:

1. The **1986/87Extrapolated Count**, based on data reported in *Open Doors: 1986/87.*

2. **Base Numbers**: the actual number of students for whom place-of-origin information was provided in the Annual Census (Step 2 form) in 1987/88 (see Appendix A7). Step 2 Institutional Data Reports were provided by 2,210 institutions for a total of 323,971 students.

3. **Percentage Distribution**: the number of foreign students from each country or other place of origin as a percentage of the total number of students for whom place-of-origin information was provided in 1986/87 (308,581 students). Percentages were not calculated for places with fewer than 160 students reported.

4. The **1987/88 Extrapolated Count**: an estimate of the number of students from each location based on the World Total of 356,190 foreign students, which is the rounded actual number of all nonimmigrant students reported in the survey in 1986/87. The World Total includes (a) the Base Number, 308,581 students on whom detailed country data were provided on the Step 2 form, (b)11,369 students who were reported on the Step 2 forms, but for whom place-of-origin information was not provided, and (c) an additional 29,659 students reported on the Step 1 card by 322 institutions that did not provide Step 2 data.

For countries with a Base Number of 160 or more reported students, the Base Number was multiplied by 1.1330 and rounded to the nearest 10 to determine their extrapolated share of the total student count of 349,610. These figures are used in Part I of this book.

5. **The Percentage Change** from 1986/87 to 1987/88. Where available, Extrapolated Counts are used for the calculations; Base Numbers are used otherwise.

Countries or Other Places of Origin of Foreign Students, 1986/87 -1987/88

	1986/87	1987/88			
Region/Locality	**Extrapolated Count**	**Base Number**	**% Distribution**	**Extrapolated Count**	**% Change**
			AFRICA		
Eastern Africa					
Kenya	1,760	1,740	0.6	1,990	13.1
Ethiopia	1,960	1,628	0.5	1,870	-4.6
Tanzania	510	468	0.2	540	5.9
Somalia	630	448	0.1	510	-19.0
Zimbabwe	480	412	0.1	470	-2.1
Uganda	380	364	0.1	420	10.5
Zambia	420	330	0.1	380	-9.5
Malawi	142*	151			6.3
Mauritious	96*	102			6.3
Madagascar	48*	54			12.5
Rwanda	40*	54			35.0
Burundi	35*	41			17.1
Seychelles	13*	23			76.9
Djibouti	15*	17			13.3
Mozambique	10*	12			20.0
Comoros	8*	4			-50.0
Eastern Africa, Unspecified	0*	1			—
Eastern Africa Total	**6,600**	**5,849**	**1.9**	**6,700**	**1.5**
Central Africa					
Cameroon	1,330	1,220	0.4	1,400	5.3
Zaire	290	265	0.1	300	3.4
Gabon	36*	38			5.6
Chad	31*	31			0.0
Central African Republic	9*	21			133.3
Congo	16*	20			25.0
Equatorial Guinea	13*	16			23.1
Angola	28*	14			-50.0
Sao Tome & Principe	7*	12			71.4
Central Africa Total	**1,770**	**1,637**	**0.5**	**1,880**	**6.2**

* This is the base number, which is too small to be extrapolated.

Countries or Other Places of Origin of Foreign Students, 1986/87 -1987/88

	1986/87	1987/88			
Region/Locality	**Extrapolated Count**	**Base Number**	**% Distribution**	**Extrapolated Count**	**% Change**
			AFRICA		
North Africa					
Egypt	2,100	1,825	0.6	2,090	-0.5
Morocco	840	765	0.2	880	4.8
Tunisia	750	665	0.2	760	1.3
Algeria	720	608	0.2	700	-2.8
Sudan	530	470	0.2	540	1.9
Libya	530	345	0.1	400	-24.5
Canary Islands	0*	1			—
North Africa Total	**5,470**	**4,679**	**1.5**	**5,360**	**-2.0**
Southern Africa					
South Africa	1,960	1,855	0.6	2,130	8.7
Botswana	200	232	0.1	270	35.0
Swaziland	134*	149			11.2
Namibia	104*	105			1.0
Lesotho	93*	76			-18.3
Southern Africa Total	**2,530**	**2,417**	**0.8**	**2,770**	**9.5**
West Africa					
Nigeria	11,700	7,278	2.3	8,340	-28.7
Ghana	1,150	964	0.3	1,110	-3.5
Liberia	760	634	0.2	730	-3.9
Sierra Leone	430	365	0.1	420	-2.3
Ivory Coast	250	247	0.1	280	12.0
Gambia	200*	152			-24.0
Senegal	180*	145			-19.4
Mali	103*	113			9.7
Guinea	45*	57			26.7
Niger	66*	57			-13.6
Togo	60*	50			-16.7
Mauritania	41*	45			9.8
Cape Verde	85*	38			-55.3
Guinea-Bissau	19*	32			68.4
Burkina Faso	32*	30			-6.3
Benin	20*	23			15.0
St. Helena	0*	2			—
West Africa, Unspecified	0*	14			—
West Africa Total	**15,210**	**10,246**	**3.3**	**11,740**	**-22.8**
Africa, Unspecified	**1**	**4**			**300.0**
AFRICA, GRAND TOTAL	**31,580**	**24,832**	**8.0**	**28,450**	**-9.9**

* This is the base number, which is too small to be extrapolated.

Countries or Other Places of Origin of Foreign Students, 1986/87 -1987/88

	1986/87	1987/88			
Region/Locality	**Extrapolated Count**	**Base Number**	**% Distribution**	**Extrapolated Count**	**% Change**
			ASIA		
East Asia					
Taiwan	25,660	23,270	7.5	26,660	3.9
China	20,030	21,966	7.1	25,170	25.7
Korea, Republic of	19,940	17,907	5.8	20,520	2.9
Japan	15,070	15,756	5.1	18,050	19.8
Hong Kong	11,010	9,295	3.0	10,650	-3.3
Macao	113*	105			-7.1
Korea, Dem. Peoples Republic	49*	35			-28.6
East Asia Total	**91,890**	**88,334**	**28.4**	**101,210**	**10.1**
South and Central Asia					
India	18,350	18,339	5.9	21,010	14.5
Pakistan	5,950	5,731	1.8	6,570	10.4
Bangladesh	1,930	1,891	0.6	2,170	12.4
Sri Lanka	1,890	1,775	0.6	2,030	7.4
Nepal	440	423	0.1	480	9.1
Afghanistan	93*	87			-6.5
Bhutan	14*	30			114.3
Maldives	10*	7			-30.0
South and Central Asia Total	**28,700**	**28,283**	**9.1**	**32,410**	**12.9**
Southeast Asia					
Malaysia	21,460	17,002	5.5	19,480	-9.2
Indonesia	9,240	7,866	2.5	9,010	-2.5
Thailand	6,480	5,613	1.8	6,430	-0.8
Singapore	4,530	4,246	1.4	4,870	7.5
Philippines	4,250	3,856	1.2	4,420	4.0
Vietnam	2,700	1,647	0.5	1,890	-30.0
Laos	520	282	0.1	320	-38.5
Cambodia	520	206	0.1	240	-53.8
Burma	220	199	0.1	230	4.5
Brunei	21*	30			42.9
Southeast Asia Total	**50,110**	**40,947**	**13.2**	**46,920**	**-6.4**
ASIA, GRAND TOTAL	**170,700**	**157,564**	**50.7**	**180,540**	**5.8**

* This is the base number, which is too small to be extrapolated.

Countries or Other Places of Origin of Foreign Students, 1986/87 -1987/88

	1986/87	1987/88			
Region/Locality	**Extrapolated Count**	**Base Number**	**% Distribution**	**Extrapolated Count**	**% Change**
			EUROPE		
Eastern Europe					
Yugoslavia	610	655	0.2	750	23.0
Poland	770	648	0.2	740	-3.9
Hungary	180	166	0.1	190	5.6
U.S.S.R.	97*	77			-20.6
Romania	63*	72			14.3
Czechoslovakia	79*	64			-19.0
Bulgaria	24*	40			66.7
German, Dem. Rep.	17*	19			11.8
Albania	3*	2			-33.3
Eastern Europe Total	**1,880**	**1,743**	**0.6**	**2,000**	**6.4**
Western Europe					
United Kingdom	6,240	5,760	1.9	6,600	5.8
Germany, Fed. rep. of	5,090	5,004	1.6	5,730	12.6
France	3,910	3,764	1.2	4,310	10.2
Greece	4,240	3,612	1.2	4,140	-2.4
Spain	2,050	2,179	0.7	2,500	22.0
Italy	2,000	1,920	0.6	2,200	10.0
Norway	1,920	1,638	0.5	1,880	-2.1
Netherlands	1,490	1,420	0.5	1,630	9.4
Sweden	1,510	1,393	0.4	1,600	6.0
Ireland	1,070	1,019	0.3	1,170	9.3
Switzerland	1,020	908	0.3	1,040	2.0
Belgium	770	768	0.2	880	14.3
Denmark	600	585	0.2	670	11.7
Finland	600	579	0.2	660	10.0
Iceland	630	556	0.2	640	1.6
Portugal	630	530	0.2	610	-3.2
Austria	420	416	0.1	480	14.3
Malta	38*	36			-5.3
Luxembourg	24*	29			20.8
Monaco	9*	8			-11.1
Leichtenstein	6*	4			-33.3
Andorra	4*	3			-25.0
San Marino	0*	2			—
Vatican City	4*	1			-75.0
Western Europe Total	**34,260**	**32,134**	**10.3**	**36,820**	**7.5**
EUROPE, GRAND TOTAL	**36,140**	**33,877**	**10.9**	**38,820**	**7.4**

* This is the base number, which is too small to be extrapolated.

Countries or Other Places of Origin of Foreign Students, 1986/87 -1987/88

Region/Locality	1986/87 Extrapolated Count	1987/88 Base Number	% Distribution	Extrapolated Count	% Change
		LATIN AMERICA			
Caribbean					
Jamaica	2,300	1,993	0.6	2,280	-0.9
Trinidad and Tobago	2,150	1,790	0.6	2,050	-4.7
Bahamas	1,530	1,489	0.5	1,710	11.8
Haiti	1,420	1,277	0.4	1,460	2.8
Cuba	1,350	1,074	0.3	1,230	-8.9
Dominican Republic	710	648	0.2	740	4.2
Netherlands Antilles	660	601	0.2	690	4.5
Barbados	370	382	0.1	440	18.9
Antigua	136*	174	0.1	200	47.1
Greneda	131*	151			15.3
Dominica	25*	86			244.0
St. Kitts-Nevis	42*	79			88.1
British Virgin Islands	72*	61			-15.3
St. Lucia	50*	59			18.0
Cayman Islands	45*	41			-8.9
St. Vincent	36*	41			13.9
Anguilla	6*	16			166.7
Montserrat	8*	11			37.5
Turks and Caicos Islands	10*	6			-40.0
Guadeloupe	4*	5			25.0
Martinique	5*	5			0.0
Leeward Islands	2*	4			100.0
Caribbean, Unspecified	100*	110			10.0
Caribbean Total	**11,250**	**10,103**	**3.2**	**11,580**	**2.9**
Central America					
Mexico	5,330	5,387	1.7	6,170	15.8
Nicaragua	1,840	1,832	0.6	2,100	14.1
Panama	1,770	1,668	0.5	1,910	7.9
Honduras	1,200	1,089	0.4	1,250	4.2
El Salvador	1,120	964	0.3	1,110	-0.9
Costa Rica	790	809	0.3	930	17.7
Guatemala	700	647	0.2	740	5.7
Belize	320	303	0.1	350	9.4
Central America Total	**13,070**	**12,699**	**4.1**	**14,550**	**11.3**
South America					
Venezuela	4,870	3,309	1.1	3,790	-22.2
Colombia	3,740	2,937	0.9	3,370	-9.9
Brazil	2,760	2,572	0.8	2,950	6.9
Peru	2,080	1,994	0.6	2,290	10.1
Argentina	1,470	1,442	0.5	1,650	12.2
Ecuador	1,050	970	0.3	1,110	5.7
Chile	1,090	969	0.3	1,110	1.8
Bolivia	950	855	0.3	980	3.2
Guyana	520	435	0.1	500	-3.8
Uruguay	230	224	0.1	260	13.0
Suriname	220	198	0.1	230	4.5
Paraguay	147	165	0.1	190	29.3
French Guiana	1*	5			400.0
Falkland Islands	0*	1			—
South America Total	**19,160**	**16,076**	**5.2**	**18,420**	**-3.9**
LATIN AMERICA, GRAND TOTAL	**43,480**	**38,878**	**12.5**	**44,550**	**2.5**

* This is the base number, which is too small to be extrapolated.

Countries or Other Places of Origin of Foreign Students, 1986/87 -1987/88

Region/Locality	1986/87 Extrapolated Count	1987/88 Base Number	1987/88 % Distribution	1987/88 Extrapolated Count	% Change
MIDDLE EAST					
Iran	12,230	9,090	2.9	10,420	-14.8
Lebanon	6,450	5,083	1.6	5,820	-9.8
Saudi Arabia	5,840	4,789	1.5	5,490	-6.0
Jordan	5,650	4,489	1.4	5,140	-9.0
Kuwait	3,250	2,761	0.9	3,160	-2.8
Israel	2,630	2,351	0.8	2,690	2.3
Turkey	2,490	2,299	0.7	2,630	5.6
Cyprus	2,010	1,652	0.5	1,890	-6.0
Syria	1,890	1,518	0.5	1,740	-7.9
United Arab Emirates	1,270	1,207	0.4	1,380	8.7
Iraq	1,130	863	0.3	990	-12.4
Oman	680	625	0.2	720	5.9
Qatar	590	539	0.2	620	5.1
Yemen Arab Republic	520	486	0.2	560	7.7
Bahrain	350	305	0.1	350	0.0
Yemen, Peoples Dem. Republic	38*	27			-28.9
MIDDLE EAST, GRAND TOTAL	**47,000**	**38,084**	**12.2**	**43,630**	**-7.1**
NORTH AMERICA					
Canada	15,700	13,696	4.4	15,690	-0.1
Bermuda	600	587	0.2	670	11.7
NORTH AMERICA , GRAND TOTAL	**16,300**	**14,283**	**4.6**	**16,360**	**0.4**
OCEANIA					
Australia	1,470	1,301	0.4	1,490	1.4
Pacific Islands Trust Territories	1,710	895	0.3	1,030	-39.8
New Zealand	550	485	0.2	560	1.8
Fiji	130*	152			16.9
Tonga	106*	128			20.8
Western Samoa	102*	97			-4.9
French Polynesia	39*	48			23.1
Papua New Guinea	24*	18			-25.0
Kiribati	17*	17			0.0
Solomon Islands	4*	9			125.0
Cook Islands	8*	3			-62.5
New Caledonia	3*	3			—
OCEANIA, GRAND TOTAL	**4,230**	**3,156**	**1.0**	**3,620**	**-14.4**
STATELESS	**180**	**191**	**0.1**	**220**	**22.2**
WORLD TOTAL	**349,610**	**310,865**	**100.0**	**356,190**	**1.9**

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A3. FIELDS OF STUDY

MAJOR FIELD- OF-STUDY CATEGORIES

AGRICULTURE
01 Agribusiness and Agricultural Production
02 Agricultural Sciences
03 Renewable Natural Resources

ARCHITECTURE AND ENVIRONMENTAL DESIGN
04 Architecture and Environmental Design

AREA AND ETHNIC STUDIES
05 Area and Ethnic studies

BUSINESS
06 Business and Management
07 Business and Office
08 Business and Distribution

COMMUNICATIONS
09 Communications
10 Communication Technologies

COMPUTER AND INFORMATION SCIENCES
11 Computer and Information Sciences

CONSUMER, PERSONAL AND MISCELLANEOUS SERVICES
12 Consumer, Personal and Miscellaneous Services

EDUCATION
13 Education

ENGINEERING
14 Engineering
15 Engineering and Engineering-Related Technologies

FOREIGN LANGUAGES
16 Foreign Languages

HEALTH
17 Allied Health
18 Health Science

HOME ECONOMICS
19 Home Economics
20 Vocational Home Economics

INDUSTRIAL ARTS
21 Industrial Arts

LAW
22 Law

LETTERS
23 Letters

LIBERAL/GENERAL STUDIES
24 Liberal/General Studies

LIBRARY AND ARCHIVAL SCIENCES
25 Library and Archival Sciences

LIFE SCIENCES
26 Life Sciences

MATHEMATICS
27 Mathematics

MILITARY SCIENCES
28 Military Sciences
29 Military Technologies

MULTI/INTERDISCIPLINARY STUDIES
30 Multi/Interdisciplinary Studies

PARKS AND RECREATION
31 Parks and Recreation

PERSONAL AND SOCIAL DEVELOPMENT
31 Basic Skills
32 Citizenship/Civic Activities
34 Health-Related Activities
35 Interpersonal Skills
36 Leisure and Recreational Activities
37 Personal Awareness

PHILOSOPHY, RELIGION AND THEOLOGY
38 Philosophy, Religion
39 Theology

PUBLIC AFFAIRS AND PROTECTIVE SERVICES
40 Protective Services
41 Public Affairs

SOCIAL SCIENCES
42 Social Sciences

TRADE AND INDUSTRIAL
46 Consumer Trades
47 Mechanics and Repairs
48 Precision Production
49 Transportation and Material Moving

VISUAL AND PREFORMING ARTS
50 Visual Arts

INTENSIVE ENGLISH LANGUAGE
60 Intensive English Language

UNDECIDED
60 Undecided

DETAILED FIELD-OF-STUDY CATEGORIES

A classification of instructional programs produced by the National Center for Education Statistics

CODE	FIELD OF STUDY
01.0000	**AGRIBUSINESS AND AGRICULTURAL PRODUCTION**
01.0101	Agricultural business and management, general
01.0102	Agricultural business
01.0103	Agricultural economics
01.0104	Farm and ranch management
01.0199	Agricultural business and management, other
01.0201	Agricultural mechanics, general
01.0202	Agricultural electrification, power, and controls
01.0203	Agricultural mechanics, construction, and maintenance skills
01.0204	Agricultural power machinery
01.0205	Agricultural structures, equipment, and facilities
01.0206	Soil and water mechanical practices
01.0299	Agricultural mechanics, other
01.0301	Agricultural production, general
01.0302	Animal production
01.0303	Aquaculture
01.0304	Crop production
01.0305	Game farm management
01.0399	Agricultural production, other
01.0401	Agricultural products and processing, general
01.0402	Food products
01.0403	Nonfood products
01.0499	Agricultural products and processing, other
01.0501	Agricultural services and supplies, general
01.0502	Agricultural services
01.0503	Agricultural supplies marketing
01.0504	Animal grooming
01.0505	Animal training
01.0506	Horseshoing
01.0599	Agricultural services and supplies, other
01.0601	Horticulture, general
01.0602	Arboriculture
01.0603	Floriculture
01.0604	Greenhouse operation and management
01.0605	Landscaping
01.0606	Nursery operation and management
01.0607	Turf management
01.0699	Horticulture, other
01.0701	International agriculture
01.9999	Agribusiness and agricultural production, other
02.0000	**AGRICULTURAL SCIENCES**
02.0101	Agricultural sciences, general
02.0201	Animal sciences, general
02.0202	Animal breeding and genetics
02.0203	Animal health
02.0204	Animal nutrition
02.0205	Animal physiology
02.0206	Diary
02.0207	Fisheries science
02.0208	Livestock
02.0209	Poultry
02.0299	Animal sciences, other
02.0301	Food sciences, general
02.0302	Dairy processing
02.0303	Food distribution
02.0304	Food engineering
02.0305	Food packaging
02.0306	Food technology
02.0399	Food sciences, other
02.0401	Plant sciences, general
02.0402	Agronomy
02.0403	Horticulture science
02.0404	Ornamental horticulture
02.0405	Plant breeding and genetics
02.0406	Plant pathology (applied)
02.0407	Plant physiology
02.0408	Plant protection (pest management)
02.0409	Range management
02.0410	Turf management science
02.0499	Plant sciences, other
02.0501	Soil sciences, general
02.0502	Soil chemistry
02.0503	Soil conservation
02.0504	Soil management and fertility
02.0505	Soil microbiology
02.0506	Soil physics
02.0599	Soil sciences, other
02.9999	Agricultural sciences, other
03.0000	**RENEWABLE NATURAL RESOURCES**
03.0101	Renewable natural resources, general
03.0201	Conservation and regulation, general
03.0202	Conservation
03.0203	Resources protection and regulation
03.0299	Conservation and regulation, other
03.0301	Fishing and fisheries, general
03.0302	Fisheries
03.0399	Fishing and fisheries, other
03.0401	Forestry production and processing, general
03.0402	Forest production
03.0403	Forest products utilization
03.0404	Forest products processing technology
03.0405	Logging
03.0406	Pulp and paper production
03.0499	Forestry production and processing, other
03.0501	Forestry and related sciences, general
03.0502	Forestry science
03.0503	Forest biology
03.0504	Forest engineering
03.0505	Forest hydrology
03.0506	Forest management
03.0507	Forest mensuration
03.0508	Urban forestry
03.0509	Wood science
03.0599	Forestry and related sciences, other
03.0601	Wildlife management
03.9999	Renewable natural resources, other
04.0000	**ARCHITECTURE AND ENVIRONMENTAL DESIGN**
04.0101	Architecture and environmental design, general
04.0201	Architecture
04.0301	City, community, and regional planning
04.0401	Environmental design
04.0501	Interior design
04.0601	Landscape architecture
04.0701	Urban design
04.9999	Architecture and environmental design, other
05.0000	**AREA AND ETHNIC STUDIES**
05.0101	African studies
05.0102	American studies
05.0103	Asian studies, general
05.0104	East Asian studies
05.0105	Eastern European studies
05.0106	European studies, general

05.0107	Latin American studies
05.0108	Middle Eastern studies
05.0109	Pacific area studies
05.0110	Russian and Slavic studies
05.0111	Scandinavian studies
05.0112	South Asian studies
05.0113	Southeast Asian studies
05.0114	Western European studies
05.0199	Areas studies, other
05.0201	Afro-American (black) studies
05.0202	American Indian studies
05.0203	Hispanic-American studies
05.0204	Islamic studies
05.0205	Jewish studies
05.0299	Ethnic studies, other
05.9999	Area and ethnic studies, other
06.0000	**BUSINESS AND MANAGEMENT**
06.0101	Business and management, general
06.0201	Accounting
06.0301	Banking and finance
06.0401	Business administration and management, general
06.0402	Contract management and procurement/purchasing
06.0403	Product management
06.0404	Systems efficiency analysis
06.0499	Business administration and management, other
06.0501	Business economics
06.0601	Human resources development
06.0701	Hotel/motel management
06.0702	Recreational enterprises management
06.0703	Resort management
06.0704	Restaurant management
06.0705	Transportation management
06.0799	Institutional management, other
06.0801	Insurance and risk management
06.0901	International business management
06.1001	Investments and securities
06.1101	Labor/industrial relations
06.1201	Management information systems
06.1301	Business statistics
06.1302	Operations research (quantitative methods)
06.1399	Management science, other
06.1401	Marketing management
06.1402	Marketing research
06.1499	Marketing management and research, other
06.1501	Organizational behavior
06.1601	Personnel management
06.1701	Real estate, general
06.1702	Commercial property
06.1703	Property management
06.1704	Real estate appraisal
06.1705	Real estate finance
06.1706	Real estate law
06.1707	Residential property
06.1799	Real estate, other
06.1801	Small business management
06.1802	Small business ownership
06.1899	Small business management and ownership, other
06.1901	Taxation
06.2001	Trade and industrial supervision and management
06.9999	Business and management, other
07.0000	**BUSINESS AND OFFICE**
07.0101	Accounting, bookkeeping, and related programs, general
07.0102	Accounting and computing
07.0103	Bookkeeping
07.0104	Machine billing, bookkeeping, and computing
07.0199	Accounting, bookkeeping, and related programs, other
07.0201	Banking and related financial programs, general
07.0202	Credit collection clerk
07.0203	Insurance clerk
07.0204	Loan clerk
07.0205	Teller
07.0206	Transit clerk
07.0299	Banking and related financial programs, other
07.0300	Business data processing and related programs
07.0301	Business data processing and related programs, general
07.0302	Business computer and console operation
07.0303	Business data entry equipment operation
07.0304	Business data peripheral equipment operation
07.0305	Business data programming
07.0306	Business systems analysis
07.0399	Business data processing and related programs, other
07.0401	Office supervision and management
07.0501	Personnel and training programs, general
07.0502	Educational assisting and training
07.0503	Personnel assisting
07.0599	Personnel and training programs, other
07.0601	Secretarial and related programs, general
07.0602	Court reporting
07.0603	Executive secretarial
07.0604	Legal secretarial
07.0605	Medical secretarial
07.0606	Secretarial
07.0607	Stenographic
07.0608	Word processing
07.0699	Secretarial and related programs, other
07.0701	Typing, general office, and related programs, general
07.0702	Clerk-typist
07.0703	Correspondence clerk
07.0704	Duplicating machine operation
07.0705	General office clerk
07.0706	Mail and order clerk
07.0707	Receptionist and communication systems operation
07.0708	Shipping, receiving, and stock clerk
07.0709	Traffic, rate, and transportation clerk
07.0710	Typing
07.0799	Typing, general office, and related programs, other
07.9999	Business and office, other
08.0000	**MARKETING AND DISTRIBUTION**
08.0101	Apparel and accessories marketing, general
08.0102	Fashion merchandising
08.0103	Fashion modeling
08.0104	Footwear marketing
08.0105	Jewelry marketing
08.0199	Apparel and accessories marketing, other
08.0201	Business and personal services marketing, other
08.0202	Display
08.0203	Marketing of business or personal services
08.0299	Business and personal services marketing, other
08.0301	Entrepreneurship, general
08.0401	Financial services marketing, general
08.0402	Banking marketing
08.0403	Credit marketing
08.0404	Credit union marketing
08.0405	Savings and loan marketing
08.0406	Securities and commodities marketing
08.0499	Financial services marketing, other
08.0501	Floristry, farm, and garden supplies marketing, general
08.0502	Farm and garden supplies marketing
08.0503	Floristry
08.0599	Floristry, farm, and garden supplies marketing, other
08.0601	Food marketing, general
08.0602	Convenience store marketing
08.0603	Specialty foods marketing
08.0604	Supermarket marketing
08.0605	Wholesale food marketing
08.0699	Food marketing, other
08.0701	Auctioneering
08.0702	Industrial sales
08.0703	International marketing
08.0704	Purchasing
08.0705	Retailing
08.0706	Sales
08.0707	Wholesaling
08.0799	General marketing, other
08.0801	Home and office products marketing, general
08.0802	Appliance marketing
08.0803	Building materials marketing
08.0804	Floor coverings, draperies, and upholstery marketing
08.0805	Furniture marketing
08.0806	Hardware marketing
08.0807	Office products and equipment marketing
08.0808	Speciality home furnishing marketing
08.0899	Home and office products marketing, other
08.0901	Hospitality and recreation marketing, general
08.0902	Marketing of hotel/motel services
08.0903	Marketing of recreational services
08.0904	Recreational products marketing

08.0905	Waiter/waitress and related services
08.0999	Hospitality and recreation marketing, other
08.1001	Insurance marketing, general
08.1002	Accident and health insurance marketing
08.1003	Life insurance marketing
08.1004	Property and casualty insurance marketing
08.1099	Insurance marketing, other
08.1101	Transportation and travel marketing, general
08.1102	Freight transportation marketing
08.1103	Passenger transportation marketing
08.1104	Tourism
08.1105	Travel services marketing
08.1106	Warehouse services marketing
08.1199	Transportation and travel marketing, other
08.1201	Vehicles and petroleum marketing, general
08.1202	Agricultural implements and machinery marketing
08.1203	Automotive vehicles and accessories marketing
08.1204	Petroleum wholesaling
08.1205	Recreational vehicles and accessories marketing
08.1206	Service station retailing
08.1207	Vehicle rental and leasing
08.1299	Vehicles and petroleum marketing, other
08.9999	Marketing and distribution, other
09.0000	**COMMUNICATIONS**
09.0101	Communications, general
09.0201	Advertising
09.0301	Communications research
09.0401	Journalism (mass communications)
09.0501	Public relations
09.0601	Radio/television news broadcast
09.0701	Radio/television, general
09.9999	Communications, other
10.0000	**COMMUNICATION TECHNOLOGIES**
10.0101	Educational media technology
10.0102	Motion picture technology
10.0103	Photographic technology
10.0104	Radio and television production and broadcasting technology
10.0199	Communication technologies, other
11.0000	**COMPUTER AND INFORMATION SCIENCES**
11.0101	Computer and information sciences, general
11.0201	Computer programming
11.0301	Data processing
11.0401	Information sciences and systems
11.0501	Systems analysis
11.9999	Computer and information sciences, other
12.0000	**CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES**
12.0101	Drycleaning and laundering services, general
12.0102	Drycleaning
12.0103	Laundering
12.0199	Drycleaning and laundering services, other
12.0201	Entertainment services, general
12.0202	Bartending
12.0203	Card dealing
12.0204	Umpiring
12.0299	Entertainment services, other
12.0301	Funeral services
12.0401	Personal services, general
12.0402	Barbering
12.0403	Cosmetology
12.0404	Electrolysis
12.0405	Massage
12.0499	Personal services, other
12.9999	Consumer, personal, and miscellaneous services, other
13.0000	**EDUCATION**
13.0101	Education, general
13.0201	Bilingual/bicultural education
13.0301	Curriculum and instruction
13.0401	Education administration, general
13.0402	Administration of special education
13.0403	Adult and continuing education administration
13.0404	Educational supervision
13.0405	Elementary and secondary education administration
13.0406	Higher education administration
13.0407	Community college education administration
13.0499	Education administration, other
13.0501	Educational media
13.0601	Evaluation and research, general
13.0602	Adult and continuing education research
13.0603	Educational statistics and research
13.0604	Educational testing, evaluation, and measurement
13.0605	Elementary and secondary research
13.0606	Higher education research
13.0699	Evaluation and research, other
13.0701	International and comparative education
13.0801	School psychology
13.0901	Social foundations
13.1001	Special education, general
13.1002	Education of the culturally disadvantaged
13.1003	Education of the deaf and hearing impaired
13.1004	Education of the gifted and talented
13.1005	Education of the emotionally handicapped
13.1006	Education of the mentally handicapped
13.1007	Education of the multiple handicapped
13.1008	Education of the physically handicapped
13.1009	Education of the visually handicapped
13.1010	Remedial education
13.1011	Specific learning disabilities
13.1012	Speech correction
13.1099	Special education, other
13.1101	Student counseling and personnel services
13.1201	Adult and continuing education
13.1202	Elementary education
13.1203	Junior high education
13.1204	Pre-elementary education
13.1205	Secondary education
13.1299	Teacher education, general programs, other
13.1301	Agricultural education
13.1302	Art education
13.1303	Business education
13.1304	Driver and safety education
13.1305	English education
13.1306	Foreign languages education
13.1307	Health education
13.1308	Home economics education
13.1309	Industrial arts education
13.1310	Marketing and distributive education
13.1311	Mathematics education
13.1312	Music education
13.1313	Nutritional education
13.1314	Physical education
13.1315	Reading education
13.1316	Science education
13.1317	Social science education
13.1318	Social studies education
13.1319	Technical education
13.1320	Trade and industrial education
13.1399	Teacher education, specific subject areas, other
13.1401	Teaching English as a second language/foreign language
13.9999	Education, other
14.0000	**ENGINEERING**
14.0101	Engineering, general
14.0201	Aerospace, aeronautical, and astronautical engineering
14.0301	Agricultural engineering
14.0401	Architectural engineering
14.0501	Bioengineering and biomedical engineering
14.0601	Ceramic engineering
14.0701	Chemical engineering
14.0801	Civil engineering
14.0901	Computer engineering
14.1001	Electrical, electronics, and communications engineering
14.1101	Engineering mechanics
14.1201	Engineering physics
14.1301	Engineering science
14.1401	Environmental health engineering
14.1501	Geological engineering
14.1601	Geophysical engineering
14.1701	Industrial engineering
14.1801	Materials engineering
14.1901	Mechanical engineering
14.2001	Metallurgical engineering
14.2101	Mining and mineral engineering
14.2201	Naval architecture and marine engineering
14.2301	Nuclear engineering
14.2401	Ocean engineering

14.2501	Petroleum engineering
14.2601	Surveying and mapping sciences
14.2602	Cartography
14.2701	Systems engineering
14.2801	Textile engineering
14.9999	Engineering, other
15.0000	**ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES**
15.0101	Architectural design and construction technology
15.0102	Architectural interior design technology
15.0199	Architectural technologies, other
15.0201	Civil technology
15.0202	Drafting and design technology
15.0203	Surveying and mapping technology
15.0204	Urban planning technology
15.0299	Civil technologies, other
15.0301	Computer technology
15.0302	Electrical technology
15.0303	Electronic technology
15.0304	Laser electro-optic technology
15.0399	Electrical and electronic technologies, other
15.0401	Biomedical equipment technology
15.0402	Computer servicing technology
15.0403	Electromechanical technology
15.0404	Instrumentation technology
15.0499	Electromechanical instrumentation and maintenance technologies, other
15.0501	Air conditioning, heating, and refrigeration technology
15.0502	Air pollution control technology
15.0503	Energy conservation and use technology
15.0504	Sanitation technology
15.0505	Solar heating and cooling technology
15.0506	Water and wastewater technology
15.0599	Environmental control technologies, other
15.0601	Chemical manufacturing technology
15.0602	Food processing technology
15.0603	Industrial technology
15.0604	Manufacturing technology
15.0605	Marine products technology
15.0606	Optical technology
15.0607	Plastic technology
15.0608	Safety technology
15.0609	Textile technology
15.0610	Welding technology
15.0699	Industrial production technologies, other
15.0701	Occupational safety and health technologies, other
15.0702	Quality control technology
15.0799	Quality control and safety technologies, other
15.0801	Aeronautical technology
15.0802	Agricultural equipment technology
15.0803	Automotive technology
15.0804	Marine propulsion technology
15.0805	Mechanical design technology
15.0899	Mechanical and related technologies, other
15.0901	Coal mining technology
15.0902	Mining (excluding coal) technology
15.0903	Petroleum technology
15.0999	Mining and petroleum technologies, other
15.9999	Engineering and engineering-related technologies, other
16.0000	**FOREIGN LANGUAGES**
16.0101	Foreign languages, multiple emphasis
16.0201	African (non-semitic) languages
16.0301	Chinese
16.0302	Japanese
16.0303	Korean
16.0399	Asiatic languages, other
16.0401	Baltic languages
16.0402	Russian
16.0403	Slavic languages, (other than Russian)
16.0501	German
16.0502	Scandinavian languages
16.0503	Yiddish
16.0599	Germanic languages, other
16.0601	Greek (classical)
16.0602	Greek (modern)
16.0701	Hindi
16.0702	Sanskrit
16.0799	Indic languages, other
16.0801	Iranian languages
16.0901	French
16.0902	Italian
16.0903	Latin
16.0904	Portuguese
16.0905	Spanish
16.0999	Italic languages, other
16.1001	Native American languages
16.1101	Arabic
16.1102	Hebrew
16.1199	Semitic languages, other
16.9999	Foreign languages, other
17.0000	**ALLIED HEALTH**
17.0101	Dental assisting
17.0102	Dental hygiene
17.0103	Dental laboratory technology
17.0199	Dental services, other
17.0201	Cardiopulmonary technology
17.0202	Dialysis technology
17.0203	Electrocardiographic technology
17.0204	Electroencephalogram technology
17.0205	Emergency medical technology — ambulance
17.0206	Emergency medical technology — paramedic
17.0207	Medical radiation dosimetry
17.0208	Nuclear medical technology
17.0209	Radiograph medical technology
17.0210	Respiratory therapy technology
17.0211	Surgical technology
17.0212	Ultrasound technology
17.0299	Diagnostic and treatment services, other
17.0301	Blood bank technology
17.0302	Chemistry technology
17.0303	Clinical animal technology
17.0304	Clinical laboratory aide
17.0305	Clinical laboratory assisting
17.0306	Cytotechnology
17.0307	Hematology technology
17.0308	Histologic technology
17.0309	Medical laboratory technology
17.0310	Medical technology
17.0311	Microbiology technology
17.0399	Medical laboratory technologies, other
17.0401	Alcohol/drug abuse specialty
17.0402	Community health work
17.0403	Genetic counseling
17.0404	Home health aide
17.0405	Mental health/human services assisting
17.0406	Mental health/human services technology
17.0407	Rehabilitation counseling
17.0408	Therapeutic child care work
17.0499	Mental health/human services, other
17.0501	Animal technology
17.0502	Central supply technology
17.0503	Medical assisting
17.0504	Medical illustrating
17.0505	Medical office management
17.0506	Medical records technology
17.0507	Pharmacy assisting
17.0508	Physician assisting — primary care
17.0509	Physician assisting — specialty
17.0510	Podiatric assisting
17.0511	Veterinarian aide
17.0512	Veterinarian assisting
17.0513	Ward clerk
17.0599	Miscellaneous allied health services, other
17.0601	Geriatric aide
17.0602	Nursing assisting
17.0603	Obstetrical technology
17.0604	Pediatric aide
17.0605	Practical nursing
17.0606	Ward service management
17.0699	Nursing-related services, other
17.0701	Ophthalmic dispensing
17.0702	Ophthalmic laboratory technology
17.0703	Ophthalmic medical assisting
17.0704	Optometric assisting
17.0705	Optometric technology
17.0706	Orthoptics
17.0799	Ophthalmic services, other
17.0801	Art therapy

17.0802	Corrective therapy
17.0803	Dance therapy
17.0804	Exercise physiology
17.0805	Manual arts therapy
17.0806	Music therapy
17.0807	Occupational therapy
17.0808	Occupational therapy assisting
17.0809	Occupational therapy aide
17.0810	Orthotic/prosthetic assisting
17.0811	Orthotics/prosthetics
17.0812	Orthopedic assisting
17.0813	Physical therapy
17.0814	Physical therapy aide
17.0815	Physical therapy assisting
17.0816	Recreational therapy
17.0817	Recreational therapy technology
17.0818	Respiratory therapy
17.0819	Respiratory therapy assisting
17.0820	Speech/hearing therapy aide
17.0821	Speech-language pathology/audiology
17.0899	Rehabilitation services, other
17.0999	Allied health, other
18.0000	**HEALTH SCIENCES**
18.0101	Audiology
18.0102	Speech pathology
18.0103	Speech pathology/audiology
18.0199	Audiology and speech pathology, other
18.0201	Clinical anatomy
18.0202	Clinical biochemistry
18.0203	Clinical microbiology
18.0204	Clinical pathology
18.0205	Physiology
18.0299	Basic clinical health sciences, other
18.0301	Chiropractic
18.0401	Dentistry, general
18.0402	Dental public health
18.0403	Endodontics
18.0404	Oral/maxial facial surgery
18.0405	Oral pathology
18.0406	Orthodontics
18.0407	Pedodontics
18.0408	Periodontics
18.0409	Prosthodontics
18.0499	Dentistry, other
18.0501	Emergency/disaster science
18.0601	Epidemiology
18.0701	Health care administration
18.0702	Health care planning
18.0703	Medical records administration
18.0799	Health sciences administration, other
18.0801	Hematology
18.0901	Medical laboratory
18.1001	Medicine, general
18.1002	Allergies and endomology
18.1003	Anesthesiology
18.1004	Colon and rectal surgery
18.1005	Dermatology
18.1006	Emergency medicine
18.1007	Family practice
18.1008	Geriatrics
18.1009	Immunology
18.1010	Internal medicine
18.1011	Neurological surgery
18.1012	Nuclear medicine
18.1013	Obstetrics and gynecology
18.1014	Ophthalmology
18.1015	Orthodontic surgery
18.1016	Othopedic
18.1017	Otorhinolarngology otolaryngology
18.1018	Pathology
18.1019	Pediatrics
18.1020	Physical medicine and rehabilitation
18.1021	Plastic surgery
18.1022	Preventive medicine
18.1023	Psychiatry
18.1024	Neurology
18.1025	Radiology
18.1026	Surgery
18.1027	Thoracic surgery
18.1028	Urology
18.1099	Medicine, other
18.1101	Nursing, general
18.1102	Anesthetist
18.1103	Maternal child health
18.1104	Medical surgical
18.1105	Nursing administration
18.1106	Psychiatric mental health
18.1107	Public health
18.1199	Nursing, other
18.1201	Optometry
18.1301	Osteopathic medicine
18.1401	Pharmacy
18.1501	Podiatry
18.1601	Population and family planning
18.1701	Pre-dentistry
18.1801	Pre-medicine
18.1901	Pre-pharmacy
18.2001	Pre-veterinary
18.2101	Prosectorial science
18.2201	Public health laboratory science
18.2301	Toxicology (clinical)
18.2401	Veterinary medicine
18.2501	Public health (general)
18.9999	Health sciences, other
19.0000	**HOME ECONOMICS**
19.0101	Home economics, general
19.0201	Business home economics
19.0301	Family and community services, general
19.0302	Nonformal education (extension, adult/extended)
19.0303	Family services
19.0399	Family and community services, other
19.0401	Family/consumer resource management, general
19.0402	Consumer science
19.0403	Family economics
19.0499	Family/consumer resource management, other
19.0501	Food sciences and human nutrition, general
19.0502	Food/food sciences
19.0503	Dietetics/human nutritional services
19.0504	Human nutrition
19.0599	Food sciences and human nutrition, other
19.0601	Human environment and housing, general
19.0602	Household equipment
19.0603	Housing
19.0699	Human environment and housing, other
19.0701	Individual and family development, general
19.0702	Adult development
19.0703	Family counseling
19.0704	Family relations
19.0705	Geriatric services
19.0799	Individual and family development, other
19.0801	International/comparative home economics
19.0901	Textiles and clothing, general
19.0902	Fashion design
19.0903	Textiles and clothing, retail
19.0904	Textile science
19.0999	Textiles and clothing, other
19.9999	Home economics, other
20.0000	**VOCATIONAL HOME ECONOMICS**
20.0101	Comprehensive consumer and homemaking home economics
20.0102	Child development, care, and guidance
20.0103	Clothing and textiles
20.0104	Consumer education
20.0105	Exploratory homemaking
20.0106	Family/individual health
20.0107	Family living and parenthood
20.0108	Food and nutrition
20.0109	Home management
20.0110	Housing, home furnishing, and equipment
20.0199	Consumer and homemaking home economics, other
20.0201	Child care and guidance management and services, general
20.0202	Child care aide/assisting
20.0203	Child care management
20.0204	Foster care/family care
20.0205	Teacher aide
20.0299	Child care and guidance management and services, other
20.0301	Clothing, apparel, and textiles management, production, and services, general

20.0302	Clothing maintenance aide
20.0303	Commercial garment and apparel construction
20.0304	Custom apparel/garment seamstress
20.0305	Custom tailoring and alteration
20.0306	Fashion/fabric coordination
20.0307	Textiles testing
20.0308	Wedding/specialty consulting
20.0399	Clothing, apparel, and textiles management, production, and services, other
20.0401	Food production, management and services, general
20.0402	Baking
20.0403	Chef/cook
20.0404	Dietetic aide/assisting
20.0405	Food catering
20.0406	Food service
20.0407	Food testing
20.0408	School food service
20.0499	Food production, management, and services, other
20.0501	Home furnishing and equipment management, production, and services, general
20.0502	Custom drapery and window treatment design/making
20.0503	Custom slipcovering and upholstering
20.0504	Floral design
20.0505	Home decorating
20.0506	Home furnishings aide
20.0507	Home-service assisting
20.0599	Home furnishings and equipment management, production, and services, other
20.0601	Institutional, home management, and supporting programs, general
20.0602	Companion to the aged
20.0603	Consumer aide/assisting
20.0604	Custodial services
20.0605	Executive housekeeping
20.0606	Homemaker's aide
20.0607	Therapeutic recreation aide
20.0699	Institutional, home management, and supporting services, other
20.9999	Vocational home economics, other
21.0000	**INDUSTRIAL ARTS**
21.0101	Industrial arts, general
21.0102	Construction
21.0103	Drafting and design
21.0104	Electricity/electronics
21.0105	Energy, power, and transportation
21.0106	Graphic arts
21.0107	Manufacturing/materials processing
21.0199	Industrial arts, other
22.0000	**LAW**
22.0101	Law
22.0102	Pre-law
22.0103	Legal assisting
22.0199	Law, other
23.0000	**LETTERS**
23.0101	English, general
23.0201	Classics
23.0301	Comparative literature
23.0401	Composition
23.0501	Creative writing
23.0601	Linguistics (includes phonetics, semantics, and philology)
23.0701	Literature, American
23.0801	Literature, English
23.0901	Rhetoric
23.1001	Speech, debate and forensics
23.1101	Technical and business writing
23.9999	Letters, other
24.0101	**LIBERAL/GENERAL STUDIES**
24.0199	Liberal/general studies, other
25.0000	**LIBRARY AND ARCHIVAL SCIENCES**
25.0101	Library and archival sciences, general
25.0201	Archival science
25.0301	Library assisting
25.0401	Library science
25.0501	Museology
25.9999	Library and archival sciences, other
26.0000	**LIFE SCIENCES**
26.0101	Biology, general
26.0201	Biochemistry and biophysics
26.0301	Botany, general
26.0302	Bacteriology
26.0303	Mycology
26.0304	Plant genetics
26.0305	Plant pathology
26.0306	Plant pharmacology
26.0307	Plant physiology
26.0399	Botany, other
26.0401	Cell biology
26.0402	Molecular biology
26.0499	Cell and molecular biology, other
26.0501	Microbiology
26.0601	Anatomy
26.0602	Biometrics and biostatistics
26.0603	Ecology
26.0604	Embryology
26.0605	Endocrinology
26.0606	Histology
26.0607	Marine biology
26.0608	Neurosciences
26.0609	Nutritional sciences
26.0610	Parasitology
26.0611	Radiobiology
26.0612	Toxicology
26.0699	Miscellaneous specialized areas, life sciences, other
26.0701	Zoology, general
26.0702	Entomology
26.0703	Genetics, human and animal
26.0704	Pathology, human and animal
26.0705	Pharmacology, human and animal
26.0706	Physiology, human and animal
26.0799	Zoology, other
26.9999	Life sciences, other
27.0000	**MATHEMATICS**
27.0101	Mathematics, general
27.0201	Actuarial sciences
27.0301	Applied mathematics
27.0401	Pure mathematics
27.0501	Statistics
27.9999	Mathematics, other
28.0000	**MILITARY SCIENCES**
28.0101	Aerospace science (Air Force)
28.0201	Coast Guard science
28.0301	Military science (Army)
28.0401	Naval science (Navy, Marines)
28.9999	Military sciences, other
29.0101	**MILITARY TECHNOLOGIES**
29.0199	Military technologies, other
30.0000	**MULTI/INTERDISCIPLINARY STUDIES**
30.0101	Biological and physical sciences
30.0201	Clinical pastoral care
30.0301	Engineering and other disciplines
30.0401	Humanities and social sciences
30.0501	Peace studies
30.0601	Systems science
30.0701	Women's studies
30.9999	Multi/interdisciplinary studies, other
31.0000	**PARKS AND RECREATION**
31.0101	Parks and recreation, general
31.0201	Outdoor recreation
31.0301	Parks and recreation management
31.0401	Water resources
31.9999	Parks and recreation, other
32.0000	**BASIC SKILLS**
32.0101	Basic skills, general
32.0102	Academic and intellectual skills
32.0103	Communication skills
32.0104	Computational skills
32.0105	Job-seeking/changing skills
32.0106	Motor skills
32.0199	Basic skills, other

33.0000	**CITIZENSHIP/CIVIC ACTIVITIES**
33.0101	Citizenship/civic activities, general
33.0102	American citizenship
33.0103	Civic appreciation
33.0104	Civic participation
34.0000	**HEALTH-RELATED ACTIVITIES**
34.0101	Health-related activities, general
34.0102	Birth-related health practices
34.0103	Health enhancement practices
34.0104	Health treatment/prevention practices
34.0199	Health-related activities, other
35.0000	**INTERPERSONAL SKILLS**
35.0101	Interpersonal skills, general
35.0102	Building human relationships
35.0103	Perception of others
35.0104	Special role engineering
35.0199	Interpersonal skills, other
36.0000	**LEISURE AND RECREATIONAL ACTIVITIES**
36.0101	Leisure and recreational activities, general
36.0102	Crafts (leisure and recreational)
36.0103	Games
36.0104	Hobbies
36.0105	Housing/home maintenance
36.0106	Nature appreciation
36.0107	Pet care
36.0108	Sports/physical education
36.0109	Travel
36.0199	Leisure and recreational activities, other
37.0000	**PERSONAL AWARENESS**
37.0101	Personal awareness, general
37.0102	Coping skills
37.0103	Personal decision making
37.0104	Self-perception
37.0105	Values, attitudes, and beliefs
37.0199	Personal awareness, other
38.0000	**PHILOSOPHY AND RELIGION**
38.0101	Philosophy
38.0201	Religion
38.9999	Philosophy and religion, other
39.0000	**THEOLOGY**
39.0101	Biblical languages
39.0201	Bible studies
39.0301	Missionary studies
39.0401	Religious education
30.0501	Religious music
39.0601	Theological studies
39.9999	Theology, other
40.0000	**PHYSICAL SCIENCES**
40.0101	Physical sciences, general
40.0201	Astronomy
40.0301	Astrophysics
40.0401	Atmospheric sciences and meterology
40.0501	Chemistry, general
40.0502	Analytical chemistry
40.0503	Inorganic chemistry
40.0504	Organic chemistry
40.0505	Pharmaceutical chemistry
40.0506	Physical chemistry
40.0599	Chemistry, other
40.0601	Geology
40.0602	Geochemistry
40.0603	Geophysics and seismology
40.0604	Paleontology
40.0699	Geological sciences, other
40.0701	Metallurgy
40.0702	Oceanography
40.0703	Earth science
40.0799	Miscellaneous physical sciences, other
40.0801	Physics, general
40.0802	Atomic/molecular physics
40.0803	Electron physics
40.0804	Elementary particle physics
40.0805	Fluids and plasmas
40.0806	Nuclear physics
40.0807	Optics
40.0808	Solid state physics
40.0899	Physics, other
40.0901	Planetary science
40.0999	Physical sciences, other
41.0000	**SCIENCE TECHNOLOGIES**
41.0101	Biological laboratory technology
41.0102	Oceanographic (biological) technology
41.0199	Biological technologies, other
41.0201	Nuclear materials handling technology
41.0202	Nuclear power plant operation technology
41.0203	Nuclear power plant radiation control technology
41.0204	Radiologic (physical) technology
41.0299	Nuclear technologies, other
41.0301	Chemical technology
41.0302	Geological technology
41.0303	Metallurgical technology
41.0304	Meteorological technology
41.0305	Oceanographic (physical) technology
41.0399	Physical science technologies, other
41.9999	Science technologies, other
42.0000	**PSYCHOLOGY**
42.0101	Psychology, general
42.0201	Clinical psychology
42.0301	Cognitive psychology
42.0401	Community psychology
42.0501	Comparative psychology
42.0601	Counseling psychology
42.0701	Developmental psychology
42.0801	Experimental psychology
42.0901	Industrial and organizational psychology
42.1001	Personality psychology
42.1101	Physiological psychology
42.1201	Psycholinguistics
42.1301	Psychometrics
42.1401	Psychopharmacology
42.1501	Quantitative psychology
42.1601	Social psychology
42.9999	Psychology, other
43.0000	**PROTECTIVE SERVICES**
43.0101	Correctional administration
43.0102	Corrections
43.0103	Criminal justice administration
43.0104	Criminal justice studies
43.0105	Criminal justice technology
43.0106	Forensic studies
43.0107	Law enforcement
43.0108	Law enforcement administration
43.0109	Security services
43.0199	Criminal justice, other
43.0201	Fire control and safety technology
43.0202	Fire protection administration
43.0203	Firefighting
43.0299	Fire protection, other
43.9999	Protective services, other
44.0000	**PUBLIC AFFAIRS**
44.0101	Public affairs, general
44.0201	Community services
44.0301	International public service
44.0401	Public administration
44.0501	Public policy studies
44.0601	Public sanitation
44.0602	Public transportation
44.0603	Public utilities
44.0699	Public works, other
44.0701	Social work, general
44.0702	Medical social work
44.0799	Social work, other
44.9999	Public affairs, other
45.0000	**SOCIAL SCIENCES**
45.0101	Social sciences, general
45.0201	Anthropology
45.0301	Archeology
45.0401	Criminology

45.0501	Demography
45.0601	Economics
45.0701	Geography
45.0801	History
45.0901	International relations
45.1001	Political science and government
45.1101	Sociology
45.1201	Urban studies
45.9999	Social sciences, other
46.0000	**CONSTRUCTION TRADES**
46.0101	Brickmasonry, stonemasonry, and tile setting, general
46.0102	Brick, block, and stonemasonry
46.0103	Tile setting
46.0199	Brickmasonry, stonemasonry, and tile setting, other
46.0201	Carpentry
46.0301	Electrical and power transmission installation, general
46.0302	Electrician
46.0303	Lineworker
46.0399	Electrical and power transmission installation, other
46.0401	Building maintenance
46.0402	Concrete placing and finishing
46.0403	Construction inspection
46.0404	Drywall installation
46.0405	Floor covering installation
46.0406	Glazing
46.0407	Insulation installation
46.0408	Painting and decorating
46.0409	Plastering
46.0410	Roofing
46.0411	Terrazzo installation
46.0499	Miscellaneous construction trades, other
46.0501	Plumbing, pipefitting, and steamfitting, general
46.0502	Pipefitting and steamfitting
46.0503	Plumbing
46.0599	Plumbing, pipefitting, and steamfitting, other
46.9999	Construction trades, other
47.0000	**MECHANICS AND REPAIRS**
47.0101	Electrical and electronics equipment repair, general
47.0102	Business machine repair
47.0103	Communication electronics
47.0104	Computer electronics
47.0105	Industrial electronics
47.0106	Major appliance repair
47.0107	Motor repair
47.0108	Small appliance repair
47.0109	Vending and recreational machine repair
47.0199	Electrical and electronics equipment repair, other
47.0201	Heating, air conditioning, and refrigeration mechanics, general
47.0202	Cooling and refrigeration
47.0203	Heating and airconditioning
47.0299	Heating, air conditioning, and refrigeration mechanics, other
47.0301	Industrial equipment maintenance and repair, general
47.0302	Heavy equipment maintenance and repair
47.0303	Industrial machinery maintenance and repair
47.0304	Mine equipment maintenance and repair
47.0305	Oil and gas drilling equipment operation and maintenance
47.0399	Industrial equipment maintenance and repair, other
47.0401	Electromechanical, hydraulic, and pneumatic instrument repair
47.0402	Gunsmithing
47.0403	Locksmithing and safe repair
47.0404	Musical instrument repair
47.0405	Operation, maintenance, and repair of audio-visual equipment
47.0406	Shoe and boot repair
47.0407	Sporting goods equipment repair
47.0408	Watch repair
47.0499	Miscellaneous mechanics and repairers, other
47.0501	Stationary energy sources, general
47.0502	Conventional electric power generation
47.0503	Industrial nuclear energy
47.0504	Pumping plants
47.0599	Stationary energy sources, other
47.0601	Vehicle and mobile equipment mechanics and repairers, general
47.0602	Aircraft mechanics
47.0603	Automotive body repairs
47.0604	Automotive mechanics
47.0605	Diesel engine mechanics
46.0606	Small engine repair
47.0699	Vehicle and mobile equipment mechanics and repairers, other
47.9999	Mechanics and repairers, other
48.0000	**PRECISION PRODUCTION**
48.0101	Drafting, general
48.0102	Architectural drafting
48.0103	Civil/structural drafting
48.0104	Electrical/electronics drafting
48.0105	Mechanical drafting
48.0199	Drafting, other
48.0201	Graphic and printing communications, general
48.0202	Bookbinding
48.0203	Commercial art
48.0204	Commercial photography
48.0205	Composition, make-up, and typesetting
48.0206	Lithography, photography, and platemaking
48.0207	Photographic laboratory and darkroom
48.0208	Printing press operations
48.0209	Silk screen making and printing
48.0299	Graphic and printing communications, other
48.0301	Leathermaking and upholstering, general
48.0302	Saddlemaking and repair
48.0303	Upholstering
48.0399	Leatherworking and upholstering, other
48.0401	Precision food production, general
48.0402	Meatcutting
48.0403	Slaughtering and butchering
48.0499	Precision food production, other
48.0501	Precision metal work, general
48.0502	Foundary work
48.0503	Machine tool operation/machine shop
48.0504	Metal fabrication
48.0505	Metal patternmaking
48.0506	Sheet metal
48.0507	Tool and die making
48.0508	Welding, brazing, and soldering
48.0599	Precision metal work, other
48.0601	Industrial ceramics manufacturing
48.0602	Jewelry design, fabrication, and repair
48.0603	Optical goods work
48.0604	Plastics
48.0699	Precision work, assorted materials, other
48.0701	Woodworking, general
48.0702	Furnniture making
48.0703	Millwork and cabinet making
48.0799	Woodworking, other
48.9999	Precision products, other
49.0000	**TRANSPORTATION AND MATERIAL MOVING**
49.0101	Air transportation, general
49.0102	Airplane piloting and navigation
49.0103	Aviation computer technology
49.0104	Aviation management
49.0105	Air traffic control
49.0106	Flight attendants
49.0199	Air transportation, other
49.0201	Vehicle and equipment operation, general
49.0202	Construction equipment operation
49.0203	Material handling
49.0204	Mining equipment operation
49.0205	Truck and bus driving
49.0299	Vehicle and equipment operation, other
49.0301	Water transportation, general
49.0302	Barge and boat operation
49.0303	Commercial fishing operation
49.0304	Deep water diving and life support systems
49.0305	Marina operations
49.0306	Marine maintenance
49.0307	Merchant Marine officers
49.0308	Sailors and deckhands
49.0399	Water transportation, other
49.9999	Transportation and material moving, other
50.0000	**VISUAL AND PERFORMING ARTS**
50.0101	Visual and performing arts, general
50.0201	Crafts, general
50.0202	Ceramics
50.0203	Enameling
50.0204	Fiber/textiles/weaving
50.0205	Glass
50.0206	Metal/jewelry

50.0299	Crafts, other
50.0301	Dance
50.0401	Design, general
50.0402	Graphic design
50.0403	Illustration design
50.0404	Industrial design
50.0405	Theater design
50.0499	Design, other
50.0501	Dramatic arts
50.0601	Film arts, general
50.0602	Cinematography/film
50.0603	Film animation
50.0604	Holography
50.0605	Photography
50.0606	Video
50.0699	Film arts, other
50.0701	Film arts, general
50.0702	Art conservation
50.0703	Art history and appreciation
50.0704	Arts management
50.0705	Drawing
50.0706	Intermedia
50.0707	Kinetics
50.0708	Painting
50.0709	Sculpture
50.0799	Fine arts, other
50.0801	Graphic arts technology
50.0901	Music, general
50.0902	Music history and appreciation
50.0903	Music performance
50.0904	Music theory and composition
50.0999	Music, other
50.9999	Visual and performing arts, other
60.0101	**INTENSIVE ENGLISH LANGUAGE**
90.0101	**UNDECLARED**

A4. COUNTRIES BY WORLD REGION AND SUBREGION

1000	**AFRICA**
1100	**Eastern Africa**
1115	Burundi
1120	Comoros
1105	Djibouti
1125	Ethiopia
1130	Kenya
1135	Madagascar
1140	Malawi
1145	Mauritius
1150	Mozambique
1155	Réunion
1165	Rwanda
1170	Seychelles
1175	Somalia
1180	Tanzania
1185	Uganda
1190	Zambia
1160	Zimbabwe
1200	**Central Africa**
1210	Angola
1220	Cameroon
1230	Central African Republic
1240	Chad
1250	Congo
1260	Equatorial Guinea
1270	Gabon
1280	Sao Tomé & Principe
1290	Zaire
1300	**North Africa**
1310	Algeria
1320	Canary islands
1330	Egypt
1340	Libya
1350	Morocco
1370	Sudan
1380	Tunisia
1360	Western Sahara
1400	**Southern Africa**
1410	Botswana
1420	Lesotho
1430	Namibia
1440	South Africa
1450	Swaziland
1500	**West Africa**
1510	Benin
1585	Burkina Faso
1505	Cape Verde
1515	Gambia
1520	Ghana
1525	Guinea
1530	Guinea-Bissau
1535	Ivory Coast
1540	Liberia
1545	Mali
1550	Mauritania
1555	Niger
1560	Nigeria
1565	St. Helena
1570	Senegal
1575	Sierra Leone
1580	Togo
3000	**EUROPE**
3100	**Eastern Europe**
3110	Albania
3120	Bulgaria
3130	Czechoslovakia
3140	German Democratic Republic
3150	Hungary
3160	Poland
3170	Romania
3180	U.S.S.R.
3190	Yugoslavia
3200	**Western Europe**
3203	Andorra
3206	Austria
3210	Belgium
3213	Denmark
220	Finland
3223	France
3226	Germany, Federal Republic of
3233	Gibraltar
3236	Greece
3243	Iceland
3246	Ireland
3250	Italy
3253	Liechtenstein
3256	Luxembourg
3260	Malta
3263	Monaco
3266	Netherlands
3270	Norway
3273	Portugal
3276	San Marino
3280	Spain
3283	Sweden
3286	Switzerland
3290	United Kingdom
3240	Vatican City
4000	**LATIN AMERICA**
4100	**Caribbean**
4105	Bahamas
4110	Barbados
4115	Cayman Islands
4120	Cuba
4125	Dominican Republic
4130	Guadeloupe
4135	Haiti
4140	Jamaica
4150	Leeward Islands
4155	Anguilla
4151	Antigua
4152	British Virgin Islands
4153	Montserrat
4154	St. Kitts-Nevis
4160	Martinique
4170	Netherlands Antilles
4180	Trinidad & Tobago
4185	Turks & Caicos Islands
4190	Windward Islands
4191	Dominica
4192	Grenada
4193	St. Lucia
4194	St. Vincent
4200	**Central America**
4210	Belize
4230	Costa Rica
4240	El Salvador
4250	Guatemala
4260	Honduras
4270	Mexico
4280	Nicaragua
4290	Panama
4300	**South America**
4305	Argentina
4310	Bolivia
4315	Brazil
4320	Chile
4325	Colombia
4330	Ecuador
4335	Falkland Islands
4340	French Guiana
4345	Guyana
4350	Paragguay
4355	Peru
4360	Suriname
4365	Uruguay
4370	Venezuela
2400	**MIDDLE EAST**
2405	Bahrain
2410	Cyprus
2415	Iran
2420	Iraq
2425	Israel
2430	Jordan
2435	Kuwait
2440	Lebanon
2445	Oman
2450	Qatar
2455	Saudi Arabia
2460	Syria
2465	Turkey
2470	United Arab Emirates
2485	Yemen Arab Republic
2490	Yemen, People's Democratic Republic of
5000	**NORTH AMERICA**
5110	Bermuda
5120	Canada
6000	**OCEANIA**
6100	**Australia & New Zealand**
6110	Australia
6120	New Zealand
6200	**Pacific Ocean Island Areas**
6210	Cook Islands
6215	Fiji
6220	French Polynesia
6225	Kiribati
6230	Nauru
6235	New Caledonia
6250	Niue
6255	Norfolk Island
6260	Pacific Islands, Trust Territory of the
6240	Papua New Guinea
6205	Solomon Islands
6270	Tonga
6271	Tuvalu
6245	Vanuatu
6275	Wallis & Futuna Islands
6280	Western Samoa
2000	**SOUTH AND EAST ASIA**
2100	**East Asia**
2110	People's Republic of China
2120	Taiwan
2130	Hong Kong
2140	Japan
2150	Korea, Democratic People's Republic of
2160	Korea, Republic of
2170	Macao
2180	Mongolia
2200	**South and Central Asia**
2205	Afghanistan
2210	Bangladesh
2215	Bhutan
2220	India
2225	Maldives, Republic of
2230	Nepal
2235	Pakistan
2245	Sri Lanka
2300	**Southeast Asia**
2305	Brunei
2310	Burma
2320	Cambodia
2315	Indonesia
2325	Laos
2330	Malaysia
2335	Phillipines
2345	Singapore
2350	Thailand
2360	Vietnam

A5. STATES WITHIN U.S. REGIONS

NORTHEAST
Connecticut
Maine
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
Vermont

SOUTH
Alabama
Arkansas
Delaware
District of Columbia
Florida
Georgia
Kentucky
Louisiana
Maryland
Mississippi
North Carolina
South Carolina
Tennessee
Virginia
West Virginia

SOUTHWEST
Arizona
New Mexico
Oklahoma
Texas

MIDWEST
Illinois
Indiana
Iowa
Kansas
Michigan
Minnesota
Missouri
Nebraska
North Dakota
Ohio
Sourth Dakota
Wisconsin

MOUNTAIN
Colorado
Idaho
Montana
Nevada
Utah
Wyoming

PACIFIC
Alaska
California
Hawaii
Oregon
Washington

OTHER
Guam
Puerto Rico
Virgin Islands

A6. RESPONSE RATE

In collaboration with the Interassociational Committee on Data Collection, IIE surveyed all two- and four-year institutions with regional accreditation listed in the *HEP 1987 Higher Education Directory* to obtain data on the foreign student population in the United States.

The survey, known as the Annual Census of Foreign Students, consists of two steps. In Step 1, IIE staff ask that campus officials complete a postcard requesting the total number of foreign students enrolled at their institution. Step 2 is a form requesting aggregate institutional data on eight characteristics of foreign students. (See **Appendix A7** for these survey materials.)

Table A6.0 shows the response rate of institutions surveyed for the 1987/88 academic year; **Table A6.1** indicates the types of responses received from 1983/84 to 1987/88. **Table A6.2** presents the response rate to each of the foreign student characteristics examined.

TABLE A6.0

Institutions Surveyed and Type of Response, Selected Years, 1954/55-1987/88

Year	Institutions Surveyed	Responding Institutions With Foreign Students	Responding Institutions with No Foreign Students	Total Responding Institutions	% Response
1954/55	2,855	1,629	1,013	2,642	92.5
1959/60	3,008	1,712	808	2,520	83.8
1964/65	2,556	1,859	434	2,293	89.7
1969/70	2,859	1,734	265	1,999	69.9
1974/75	3,085	1,760	148	1,908	61.8
1975/76	3,065	2,093	168	2,261	73.8
1976/77	3,016	2,294	230	2,524	83.7
1977/78	3,053	2,475	263	2,738	89.7
1978/79	3,127	2,504	248	2,752	88.0
1979/80	3,186	2,651	299	2,950	92.6
1980/81	3,205	2,734	296	3,030	94.5
1981/82	2,862	2,454	239	2,693	94.1
1982/83	2,849	2,529	266	2,795	98.1
1983/84	2,844	2,498	268	2,766	97.3
1984/85	2,833	2,492	274	2,766	97.6
1985/86	2,902	2,507	296	2,803	96.6
1986/87	2,896	2,518	331	2,849	98.4
1987/88	2,893	2,552	326	2,878	99.5

TABLE A6.1

Institutions Reporting Foreign Students and Type of Response, 1982/83-1987/88

Type of Response	1983/84		1984/85		1985/86		1986/87		1987/88	
	Number	%	Number	%	Number	%	Number	%	Number	%
Total Only- STEP1	318	12.7	218	8.7	219	8.7	322	12.8	342	13.4
Institutional Data-STEP 2	2,180	87.3	2,274	91.3	2,288	91.3	2,196	87.2	2,210	86.6
Individual Data- STEP 3	2,007	80.3	—	—	2,116	84.4	—	—	1,925	75.4
TOTAL	**2,498**	**100.0**	**2,492**	**100.0**	**2,507**	**100.0**	**2,518**	**100.0**	**2,552**	**100.0**

TABLE A6.2

Summary of Step 2 Survey Responses, 1987/88

Category	Number of Responses	% of 323,971 Step 2 responses	% of 356,187 Foreign Students Reported
Academic Level	319,889	98.7	89.8
Country of Origin	310,865	96.0	87.3
Gender	301,815	93.2	84.7
Field of Study	296,628	91.6	83.3
Enrollment Status	294,306	90.8	82.6
Visa Type	290,314	89.6	81.5
Marital Status	197,305	60.9	55.4
Primary Source of Funds	188,544	58.2	52.9
TOTAL	**323,971**		**91.0**

A7 ■ SURVEY MATERIALS

ICDC
Interassociational Committee on Data Collection AACRAO • IIE • NAFSA

September 21, 1987

Dear Colleague:

On behalf of ICDC, IIE is again asking you to help us obtain current information on foreign students by providing the data requested below.

Thank you for responding to the Census last year. Your continuing cooperation makes it possible for IIE to publish *Open Doors* and send you a copy. *Open Doors* contains the most comprehensive and accurate information on foreign students in the United States; It is relied upon by governmental agencies and national organizations, like NAFSA and AACRAO, and is used by campus officials in formulating policies and setting up service programs for foreign students.

In order to serve the international exchange community best, this publication must reflect foreign study in the U.S. accurately. **It is**, therefore, **of great importance that every school reply to the survey. Your participation is essential** to the completeness of *Open Doors*. **Would you, therefore, please provide the requested data just as soon as possible?**

We are sending you **three** forms this year: a) the STEP 1 card, b) the STEP 2 form, and c) the STEP 3 form.

(1) STEP1: PRELIMINARY REPLY CARD: This allows us to estimate as accurately as possible the total number of foreign students in this country. Please complete it and return it to us **IMMEDIATELY.**

(2) STEP 2: INSTITUTIONAL DATA FORM: This contains the bulk of the data which are published in *Open Doors*. Please complete and return it **AS SOON AS POSSIBLE, BUT NO LATER THAN OCTOBER 30, 1987.** If absolutely necessary, please call us to arrange an extension.

(3) STEP 3: INDIVIDUAL DATA FORM: The STEP 3 data allow detailed analyses of foreign student characteristics.

> **PLEASE NOTE**: This year **IIE is initiating an effort to accept Step 3 data on tape or diskette,** and urges you, if you can meet the specifications, to send the data in this form. **The data must, however, conform to the enclosed specifications,** since we do not have the capability this year to accept different formats. Please read all the enclosed instructions carefully if you decide to take this option.
>
> **Even if you are able to sent a tape or a diskette, we also need to have you fill out the form or send an appropriate printed student roster.** Please read the detailed instructions on the Step 3 form so that you may provide the most easily usable data..

Please respond as soon as possible. The deadline for STEP 3 data is **NOVEMBER 13**. However, if you urgently need more time to send the data, please contact us, to make arrangements for an extension.

Data and inquiries should be addressed to:

Research Division
Institute of International Education
809 United Nations Plaza
New York, NY 10017
Telephone: (212) 984-5349

Thank you very much for your assistance and cooperation in this important endeavor.

Sincerely,

John F. Collins, Jr.
Richard Krasno

John F. Collins, Jr.
President
American Association of
Collegiate Registrars and
Admissions Officers

Richard M. Krasno
President
Institute of
International Education

Josef Mestenhauser
President
National Association for
Foreign Student Affairs

STEP 1 Preliminary Reply Card

AACRO • **IIE** • **NAFSA** Interassociational Committee on Data Collection

ICDC ANNUAL CENSUS OF FOREIGN STUDENTS 1987/88

Please complete and return this card as soon as possible, **even if you have no foreign non-immigrant students.**

Title/Office

Reporting Official

Institution

City State Zip

Telephone

For future use, the attached label should include the Title/Office, Reporting Official, the institution's name and address, and the reporting official's telephone number. Please make any necessary changes.

1. Are there any foreign students **(non-immigrants)** enrolled at your institution for the 1987/88 fall term?

   ☐ Yes ☐ No

2. If "YES," fill in total number: ☐

3. This number is: ☐ Actual ☐ Estimated

ICDC AACRAO • IIE • NAFSA
Interassociational Committee
on Data Collection

ANNUAL CENSUS OF FOREIGN STUDENTS 1987/88

DEFINITIONS

A. TOTAL FOREIGN STUDENTS — a foreign student is anyone enrolled for courses in the United States who is **not** an immigrant (permanent resident) or a citizen. Refugees **are** included. **DO NOT INCLUDE RESIDENT ALIENS (HOLDING "GREEN CARDS" — I-151).**

B. GENDER — the numbers of male and female foreign students enrolled at your institution.

C. MARITAL STATUS — the numbers of single and married foreign students at your institution.

D. VISA TYPE/REFUGEE — the number of foreign students with **temporary visas** enrolled at your institution by the type of visa they hold, and the number of **refugees** enrolled at your institution.

E. PRIMARY SOURCE OF FUNDS — the single **greatest source** of funds for all educational expenses including associated living expenses of a foreign student enrolled in an educational institution within the United States. If a person had more than one source of funds then **use the source** which represents the **largest percentage** of all income.

(1) Personal and Family — income derived from personal or private sources, other than current employment.
(2) U.S. College/University — funds obtained from a U.S. college or university (grants, scholarships, waivers, research and teaching assistantships, etc.).
(3) Home Government/University — funds obtained from the government of the student's home country or from a university in home country.
(4) U.S. Government — funds obtained from the United States government.
(5) Private (U.S.) Sponsorship — self-explanatory.
(6) Private (Foreign) Sponsorship — self-explanatory.
(7) International Organization — Examples: U.N., World Bank, etc.
(8) Current Employment — includes only off-campus employment.
(9) Other — primary source not among those listed. Please specify sources on page 4. Examples would be 50/50 splits, etc.

F. ENROLLMENT STATUS — the total numbers of foreign students who are attending classes **full time** and **part time**. Use your institution's definition of full time.

G. ACADEMIC LEVEL — the number of the foreign students who are currently enrolled this **fall** term by degree level or type of program. Under Intensive English Language include **ONLY** students with **15** or more contact hours per week.

H. FIELD OF STUDY — please use categories in Section H of this form, which are derived from the NCES (National Center for Education Statistics) **Classification of Instructional Programs**. This classification system has been developed for institutional reports for federal agencies and is being implemented in federal surveys. If you are unsure of a category, use the space provided on page 4 for additional fields. A detailed listing of this classification system appears in **Open Doors 1985/86**.

I. COUNTRY OR OTHER PLACE OF CITIZENSHIP — if you have students from countries not included on this form, please use the space provided on page 4.

GUIDELINES FOR THE RELEASE OF CENSUS DATA

Reports based on census data are available to individuals, agencies or corporations for clearly identified purposes of scholarly research, public information or recruitment for employment.

Reports will be produced for recruitment purposes only when the employer has indicated that: the openings are for employment in the students' home countries or, in some instances, home regions; students' obligations to the sponsors of their U.S. study and/or to their own governments will be respected; the corporation or agency does not engage in discriminatory practices.

The Institute of International Education reserves the right to request that the proposed use of the data can be documented and to withhold Census data when the request is not deemed to be for appropriate scholarly research, public information or recruitment purposes.

1987/88 DATA COLLECTION
STEP 2 INSTRUCTIONS

- INCLUDE **ONLY NON-IMMIGRANT FOREIGN STUDENTS** AT THE POSTSECONDARY LEVEL
- ALL INFORMATION SHOULD BE BASED ON THE **FALL TERM, 1987**
- DEADLINE FOR THE RETURN OF THIS FORM **OCTOBER 30, 1987**

STEP 2 asks institutions to provide aggregate data describing the characteristics of their foreign student population for the fall term, 1987. This information is used to develop the statistics used in **Open Doors**, a complimentary copy of which is sent to the census contact at each participating institution.

The validity of the data in **Open Doors** depends on the amount of detailed data which you provide on this form to supplement the total foreign student count you provide on the STEP 1 postcard. We encourage you to provide detail on **all** characteristics. However, if you cannot do so, any data, e.g. country of citizenship, field of study, academic level, etc., will be accepted.

Printed in this year's STEP 2 form you will find information about your institution and about foreign students for the year 1986/87. The **Basic Institutional Data** (1) should be carefully reviewed and any corrections should be made on the form. Please write your telephone number in the space provided. **1986/87 Census data** (2) are included **for your reference only. DO NOT ADD OR CORRECT 1986/87 DATA.** Any major differences between the two census years should, of course, be a warning that the 1987/88 figures be verified (or that the 1986/87 figures may not be correct). In cases where the data appear to have changed significantly between census years, please make sure that the definitions you are using match the definitions on this page.

Page 2 of this form is for reporting **Basic Institutional Data and the Personal and Academic Characteristics** of foreign students. Page 3 is for reporting foreign students' countries of citizenship. Page 4 provides space for the inclusion of fields of study and countries of citizenship which are not among those on pages 2 & 3.

If the data requested will be available only after the deadline date of October 30, 1987, contact IIE so that special arrangements can be made to include it in the census. Any questions should be directed to:

RESEARCH DIVISION IIE, (212) 984-5349

THIS FORM SHOULD BE RETURNED BY OCTOBER 30, 1987 TO:

RESEARCH DIVISION
INSTITUTE OF INTERNATIONAL EDUCATION
809 United Nations Plaza
New York, N.Y. 10017

PLEASE CHECK ONE OF THE FOLLOWING:

☐ I would like to continue receiving **Open Doors**

☐ I would like **Open Doors** to be sent to another official in my institution (give name, title and address of official)

____

____

____

____

☐ I prefer not to receive **Open Doors**

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Interassociational Committee
on Data Collection

ANNUAL CENSUS OF FOREIGN STUDENTS 1987/88

CENSUS CONTACT (Please make all necessary changes.)

University:
Contact Name:
Title:
Address:
City: State
Zip:
Telephone: ( )

BASIC INSTITUTIONAL DATA (Please make all necessary changes.)

Total School Enrollment: ☐

Student Body: ☐ [illegible]

Calendar: ☐ [illegible]

Highest Offering: ☐ [illegible]

A. TOTAL FOREIGN STUDENTS (Do not change any 1986/87 data.)

	1986/87	1987/88 UG	GRAD	OTHER	TOTAL
Non-Immigrants Only	▨				

87/88 total is
Actual ☐ Estimated ☐

B. GENDER

	1986/87	1987/88 UG	GRAD	OTHER	TOTAL
Male	▨				
Female	▨				

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

C. MARITAL STATUS

	1986/87	1987/88 UG	GRAD	OTHER	TOTAL
Single	▨				
Married	▨				

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

D. VISA TYPE/REFUGEE (Note: Non-Immigrant Only)

	1986/87	1987/88 UG	GRAD	OTHER	TOTAL
FVISA	▨				
JVISA	▨				
MVISA	▨				
OTHER VISA	▨				
REFUGEE	▨				

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

E. PRIMARY SOURCE OF FUNDS

	1986/87	1987/88 UG	GRAD	OTHER	TOTAL
PERSONAL AND FAMILY	▨				
U.S. COLLEGE/UNIVERSITY (Grants, RA's, TA's, etc.)	▨				
HOME GOVERNMENT/UNIVERSITY	▨				
U.S. GOVERNMENT	▨				
PRIVATE (U.S.) SPONSOR	▨				
PRIVATE (FOREIGN) SPONSOR	▨				
INTERNATIONAL ORGANIZATION	▨				
CURRENT EMPLOYMENT	▨				
OTHER (Please specify on Page 4)	▨				

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

F. ENROLLMENT STATUS

	1986/87	1987/88 UG	GRAD	OTHER	TOTAL
FULL-TIME STUDENTS	▨				
PART-TIME STUDENTS	▨				

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

G. ACADEMIC LEVEL

	1986/87	1987/88
ASSOCIATE LEVELS ONLY	▨	

BACHELORS

	1986/87	1987/88
FRESHMAN	▨	
SOPHOMORE	▨	
JUNIOR	▨	
SENIOR	▨	
UNSPECIFIED	▨	

GRADUATE

	1986/87	1987/88
MASTER'S	▨	
DOCTORATE	▨	
PROFESSIONAL TRAINING	▨	
UNSPECIFIED	▨	

OTHER

	1986/87	1987/88
PRACTICAL TRAINING	▨	
NON DEGREE	▨	
INTENSIVE ENGLISH LANGUAGE (15 or more contact hours per week)	▨	

TOTAL CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

H. FIELD OF STUDY

	1986/87	1987/88 UG	GRAD	OTHER	TOTAL
01 Agribusiness and Agricultural Production	▨				
02 Agricultural Sciences	▨				
03 Renewable Natural Resources	▨				
04 Architecture and Environmental Design	▨				
05 Area and Ethnic Studies	▨				
06 Business and Management	▨				
07 Business and Office	▨				
08 Marketing and Distribution	▨				
09 Communications	▨				
10 Communications Technologies	▨				
11 Computer and Information Sciences	▨				
12 Consumer, Personal and Misc. Services	▨				
13 Education	▨				
14 Engineering	▨				
15 Engineering and Related Technologies	▨				
16 Foreign Languages	▨				
17 Allied Health	▨				
18 Health Sciences	▨				
19 Home Economics	▨				
20 Vocational Home Economics	▨				
21 Industrial Arts	▨				
22 Law	▨				
23 Letters	▨				
24 Liberal/General Studies	▨				
25 Library and Archival Sciences	▨				
26 Life Sciences	▨				
27 Mathematics	▨				
28 Military Sciences	▨				
29 Military Technologies	▨				
30 Multi/Interdisciplinary Studies	▨				
31 Parks and Recreation	▨				
32 Basic Skills	▨				
33 Citizenship/Civic Activities	▨				
34 Health-Related Activities	▨				
35 Interpersonal Skills	▨				
36 Leisure and Recreational Activities	▨				
37 Personal Awareness	▨				
38 Philosophy and Religion	▨				
39 Theology	▨				
40 Physical Sciences	▨				
41 Science Technologies	▨				
42 Psychology	▨				
43 Protective Services	▨				
44 Public Affairs	▨				
45 Social Sciences	▨				
46 Construction Trades	▨				
47 Mechanics and Repairs	▨				
48 Precision Production	▨				
49 Transportation and Material Moving	▨				
50 Visual and Performing Arts	▨				
60 Intensive English Language	▨				
99 Undeclared	▨				

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS. PLEASE LIST ADDITIONAL FIELDS ON PAGE 4.

STEP 2 INSTITUTIONAL DATA

PAGE 3

ICDC
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Interassociational Committee
on Data Collection

ANNUAL CENSUS OF FOREIGN STUDENTS 1987/88

		1987/88			
	1986/87	UG	GRAD	OTHER	TOTAL
2205 Afghanistan					
1310 Algeria					
1210 Angola					
4151 Antigua					
4305 Argentina					
6110 Australia					
3205 Austria					
4105 Bahamas					
2405 Bahrain					
2210 Bangladesh					
4110 Barbados					
3210 Belgium					
4210 Belize					
5110 Bermuda					
4310 Bolivia					
1410 Botswana					
4315 Brazil					
2310 Burma					
2320 Cambodia					
1220 Cameroon					
5120 Canada					
1505 Cape Verde					
1240 Chad					
4320 Chile					
2110 China, People's Republic of					
4325 Colombia					
4230 Costa Rica					
4120 Cuba					
2410 Cyprus					
3130 Czechoslovakia					
3213 Denmark					
4125 Dominican Republic					
4330 Ecuador					
1330 Egypt					
4240 El Salvador					
1125 Ethiopia					
6215 Fiji					
3220 Finland					
3223 France					
6220 French Polynesia					
1515 Gambia					
3225 Germany, Fed. Rep. of					
1520 Ghana					
3230 Greece					

		1987/88			
	1986/87	UG	GRAD	OTHER	TOTAL
4192 Grenada					
4250 Guatemala					
4345 Guyana					
4135 Haiti					
4260 Honduras					
2130 Hong Kong					
3150 Hungary					
3243 Iceland					
2220 India					
2315 Indonesia					
2415 Iran					
2420 Iraq					
3245 Ireland					
2425 Israel					
3250 Italy					
1535 Ivory Coast					
4140 Jamaica					
2140 Japan					
2430 Jordan					
1130 Kenya					
2160 Korea, Rep. of					
2435 Kuwait					
2325 Laos					
2440 Lebanon					
1420 Lesotho					
1540 Liberia					
1340 Libya					
3255 Luxembourg					
2170 Macao					
1135 Madagascar					
1140 Malawi					
2330 Malaysia					
1545 Mali					
1145 Mauritius					
4270 Mexico					
1360 Morocco					
2230 Nepal					
3265 Netherlands					
4170 Netherlands Antilles					
6120 New Zealand					
4280 Nicaragua					
1560 Nigeria					
3270 Norway					
2445 Oman					

		1987/88			
	1986/87	UG	GRAD	OTHER	TOTAL
6260 Pacific Is. Trust Terr.					
2235 Pakistan					
4290 Panama					
4350 Paraguay					
4355 Peru					
2335 Philippines					
3160 Poland					
3273 Portugal					
2450 Qatar					
3170 Romania					
2455 Saudi Arabia					
1570 Senegal					
1575 Sierra Leone					
2345 Singapore					
1175 Somalia					
1440 South Africa					
3280 Spain					
2245 Sri Lanka					
1370 Sudan					
4360 Suriname					
1450 Swaziland					
3283 Sweden					
3285 Switzerland					
2460 Syria					
2120 Taiwan					
1180 Tanzania					
2350 Thailand					
1580 Togo					
4180 Trinidad & Tobago					
1380 Tunisia					
2465 Turkey					
1185 Uganda					
3180 U S S R					
2470 United Arab Emirates					
3290 United Kingdom					
4365 Uruguay					
4370 Venezuela					
2360 Vietnam					
6280 Western Samoa					
2485 Yemen Arab Republic					
3190 Yugoslavia					
1290 Zaire					
1190 Zambia					
1160 Zimbabwe					

NUMBER OF FOREIGN STUDENTS FROM ADDITIONAL COUNTRIES REPORTED
IN 1986/87: PLEASE LIST ADDITIONAL COUNTRIES FOR 1987/88 ON PAGE 4.

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Interassociational Committee on Data Collection

ANNUAL CENSUS OF FOREIGN STUDENTS 1987/88

OTHER FIELDS OF STUDY

Please list fields not found in Section H.

FIELDS (Please Be Specific: e.g. "arts and sciences" too general)	1987/88 UG	GRAD	OTHER	

ADDITIONAL COUNTRIES

Please list here the number of students from countries other than the 132 listed on page 3.

COUNTRY	1987/88 UG	GRAD	OTHER	TOTAL	FOR IIE USE ONLY

OTHER PRIMARY SOURCES OF FUNDS

Please specify primary sources of funds not found in Section E.

PRIMARY SOURCE OF FUNDS	1987/88 UG	GRAD	OTHER	TOTAL

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on Data Collection

INDIVIDUAL DATA SURVEY OF FOREIGN STUDENTS
1987/88

STEP 3
INDIVIDUAL DATA
Page 1

STEP 3 INSTRUCTIONS

(Title/Office)

(Reporting Official)

(Institution)

(City) (State) (Zip)

(Telephone)

For future use, the attached label should include Title/Office, the Reporting Official, and the institution's name, address, and telephone number. Please make any necessary changes.

In STEP 3, the Interassociational Committee on Data Collection (ICDC) is asking institutions to provide **individual data** (without actually identifying student names) in order to allow much more detailed analyses on the foreign student population in the United States than are possible in *Open Doors*. Only with **individual data** can reports be prepared indicating, for example, the number of female Egyptians studying sociology or the number of master's candidates studying biology from Japan. The last individual data survey, in 1985/86 will be reported in the publication *Profiles 1985/86* — a copy of which will be sent to you as soon as it is available.

The collection of **individual data** is an enormous undertaking requiring the processing of hundreds of thousands of individual records (as opposed to some 2,800 institutional records in recent years). Its success is largely dependent on the care taken by each institution to provide these data in a manageable form. Please help us by reading the instructions very carefully and by adhering to the guidelines as closely as possible.

INSTRUCTIONS FOR PROVIDING STEP 3 DATA

PLEASE SEND US PARTIAL INFORMATION IF THAT IS ALL YOU HAVE. WE WILL ACCEPT DATA ON AS FEW AS TWO CATEGORIES (such as country of origin and field of study) if your institution cannot provide data on all of the requested fields. Of course, we urge you to provide as much information as possible.

INCLUDE ONLY NON-IMMIGRANT FOREIGN STUDENTS AT THE POST-SECONDARY LEVEL. **DO NOT INCLUDE** STUDENTS FROM GUAM, AMERICAN SAMOA, PUERTO RICO, OR THE U.S. VIRGIN ISLANDS.

ALL INFORMATION SHOULD BE BASED ON **1987 FALL TERM** ENROLLMENTS.

SEND STEP 3 DATA BY NOVEMBER 13, 1987. If it is not possible for you to send them by this date, do not throw the form away. Call us to make special arrangements to provide the information later.

STEP 3 DATA SHOULD BE SENT TO: Research Division
Institute of International Education
809 United Nations Plaza
New York, NY 10017

ALL QUESTIONS SHOULD BE DIRECTED TO Marianthi Zikopoulos at (212) 984-5347

PLEASE USE THE FOLLOWING DEFINITIONS IN REPORTING THE DATA:

DEFINITIONS

FOREIGN STUDENT — a foreign student is anyone enrolled for courses in the United States who is **not** an immigrant (permanent resident) or a citizen. Refugees **are** included. Do **not** include resident aliens (holding "green cards").

FIELD OF STUDY — please be as specific as possible in listing field of study, e.g. electrical engineering or petroleum engineering in the field of engineering, marketing research or retail marketing in the field of marketing. These categories will be classified using the classification system developed by the National Center for Education Statistics (NCES). A detailed listing of this taxonomy appears in ***Open Doors: 1986/87.***

ACADEMIC LEVEL — see codes listed at bottom of Pages 3 and 4. Under Intensive English Language include only students enrolled for 15 or more contact hours per week.

PRIMARY SOURCE OF FUNDS — the single greatest source of funds for all educational expenses including associated living expenses for a foreign student enrolled in an educational institution within the United States. If a student has more than one source of funds then **use the one source** which represents the largest percentage of all income.

(1) Personal and Family — income derived from personal or private sources.
(2) U.S. sponsor — student is sponsored by the U.S. government, U.S. college or university, or U.S. private sponsor.
(3) Non-U.S. sponsor — student is sponsored by home government, home college or university, foreign private sponsor, international organization, or other sponsor not based in the U.S.

INSTRUCTIONS CONTINUED ON OTHER SIDE

STEP 3 INSTRUCTIONS (Continued)

HOW TO REPORT STEP 3 DATA

A. FORMAT

1. **ELECTRONIC REPORT: TAPE OR DISKETTE**
   For the first time, IIE can accept Step 3 data on tape or diskette. We urge you to send us the data in this way if possible. In order for us to be able to accept your tape or diskette, the data must conform to the specified format. Please follow the enclosed specifications carefully.

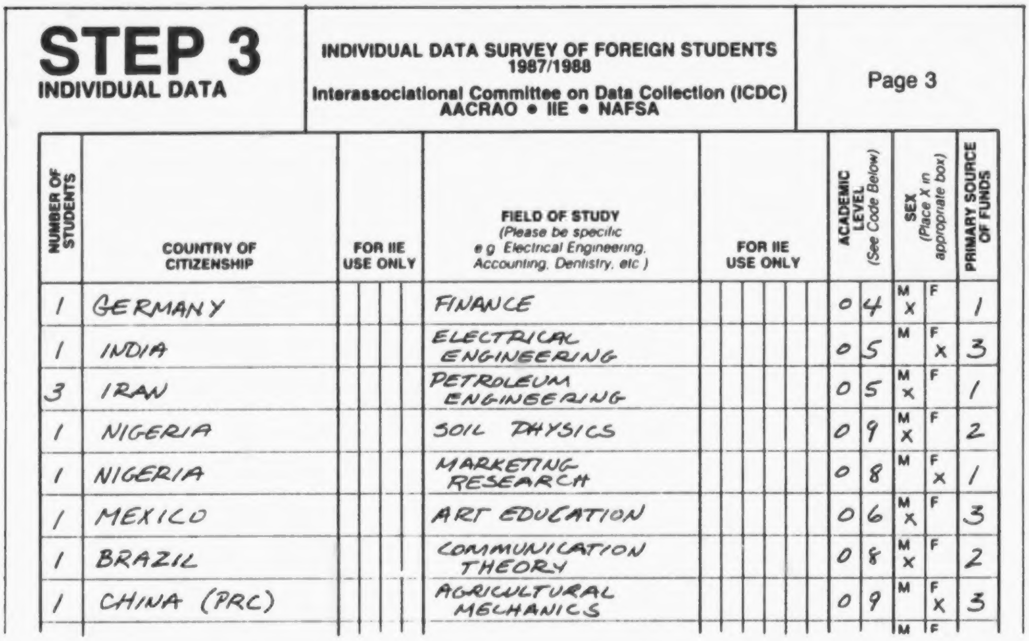
   If you have the ability to provide a tape or diskette in the required format, but you cannot do it by November 13, please let us know and we will extend the deadline.

2. **PRINTED REPORT**

   Of course, if you cannot provide a tape or a diskette, you can always report Step 3 data in written form. Two types of reports are acceptable:

   a) **Completed Step 3 form:** The preferred format for reporting individual data is by filling out pages 3 and 4 of this form. If your institution has more foreign students than will fit on this form, please photocopy page 4 as many times as necessary to include all students.

   The preferred order for the individual data is to list students by country, within country by field of study, within field of study by academic level, etc. If you have two or more students with identical characteristics, then list them once and put their number in the first column as in the following illustration:



STEP 3
INDIVIDUAL DATA

INDIVIDUAL DATA SURVEY OF FOREIGN STUDENTS
1987/1988
Interassociational Committee on Data Collection (ICDC)
AACRAO • IIE • NAFSA

Page 3

NUMBER OF STUDENTS	COUNTRY OF CITIZENSHIP	FOR IIE USE ONLY	FIELD OF STUDY (Please be specific e.g. Electrical Engineering, Accounting, Dentistry, etc.)	FOR IIE USE ONLY	ACADEMIC LEVEL (See Code Below)	SEX (Place X in appropriate box) M	F	PRIMARY SOURCE OF FUNDS
1	GERMANY		FINANCE		04	X		1
1	INDIA		ELECTRICAL ENGINEERING		05		X	3
3	IRAN		PETROLEUM ENGINEERING		05	X		1
1	NIGERIA		SOIL PHYSICS		09	X		2
1	NIGERIA		MARKETING RESEARCH		08		X	1
1	MEXICO		ART EDUCATION		06	X		3
1	BRAZIL		COMMUNICATION THEORY		08	X		2
1	CHINA (PRC)		AGRICULTURAL MECHANICS		09		X	3

   b) **Roster reports/Computer printouts:** If your institution has too many students to report on the supplied form, IIE will accept computer printouts, directories, or rosters of foreign students. However, in order that we be able to manage these data, **WE STRONGLY URGE YOU TO HAVE THE ROSTERS PRODUCED IN THE FORMAT SUGGESTED ABOVE.** That is, list students by country, within country by field of study, etc. If you cannot produce such a report, grouping students by either country of origin or field of study will facilitate our data management task.

   Please note:
   Please **include a key for decoding any codes or abbreviations** included in your report.
   Please **identify students on immigrant visas (permanent residents)** if they cannot be excluded from your report.
   Please have any computer printout **triple spaced**, if possible, to allow room for coding.
   Please **attach the label from page 1 of this form on the report**.

Any questions about provision of data on tape, diskette or roster should be directed to Marianthi Zikopoulos, at (212) 984-5347.

GUIDELINES FOR THE RELEASE OF INDIVIDUAL DATA

Reports based on individual data are available to individuals, agencies or corporations for clearly identified purposes of scholarly research, public information or recruitment for employment.

Reports will be produced for recruitment purposes only when the employer has indicated that: the openings are for employment in the students' home countries or, in some instances, home regions; students' obligations to the sponsors of their U.S. study and/or to their own governments will be respected; the corporation or agency does not engage in discriminatory practices.

Student names obtained as a by-product of the census activity will not be released in any case without the student's prior consent.

The Institute of International Education reserves the right to request that the proposed use of the data can be documented and to withhold individual data when the request is not deemed to be for appropriate scholarly, public information or recruitment purposes.

STEP 3
INDIVIDUAL DATA

INDIVIDUAL DATA SURVEY OF FOREIGN STUDENTS
1987/1988
Interassociational Committee on Data Collection (ICDC)
AACRAO • IIE • NAFSA

Page 3

NUMBER OF STUDENTS	COUNTRY OF CITIZENSHIP	FOR IIE USE ONLY	FIELD OF STUDY (Please be specific e.g. Electrical Engineering, Accounting, Dentistry, etc.)	FOR IIE USE ONLY	ACADEMIC LEVEL (See Code Below)	SEX (Place X in appropriate box)		PRIMARY SOURCE OF FUNDS
						M	F	
						M	F	
						M.	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	

CODES FOR ACADEMIC LEVEL

01 ASSOCIATE (Both 1st & 2nd year)
02 PRACTICAL TRAINING
03 FRESHMAN
04 SOPHOMORE
05 JUNIOR
06 SENIOR
07 UNDERGRADUATE—UNSPECIFIED
08 MASTER'S
09 DOCTORATE
10 PROFESSIONAL TRAINING
11 GRADUATE—UNSPECIFIED
12 NON-DEGREE
13 INTENSIVE ENGLISH LANGUAGE (15 or more contact hrs/wk)
88 UNKNOWN/NOT AVAILABLE

CODES FOR PRIMARY SOURCE OF FUNDS

1. PERSONAL AND FAMILY
2. U.S. SPONSOR
3. NON-U.S. SPONSOR
8. UNKNOWN/NOT AVAILABLE

STEP 3

INDIVIDUAL DATA

INDIVIDUAL DATA SURVEY OF FOREIGN STUDENTS
1987/1988
Interassociational Committee on Data Collection (ICDC)
AACRAO • IIE • NAFSA

Page 4

NUMBER OF STUDENTS	COUNTRY OF CITIZENSHIP	FOR IIE USE ONLY	FIELD OF STUDY *(Please be specific e.g. Electrical Engineering, Accounting, Dentistry, etc.)*	FOR IIE USE ONLY	ACADEMIC LEVEL *(See Code Below)*	SEX *(Place X in appropriate box)*		PRIMARY SOURCE OF FUNDS
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	
						M	F	

CODES FOR ACADEMIC LEVEL

01 ASSOCIATE (Both 1st & 2nd year)
02 PRACTICAL TRAINING
03 FRESHMAN
04 SOPHOMORE
05 JUNIOR
06 SENIOR
07 UNDERGRADUATE—UNSPECIFIED
08 MASTER'S
09 DOCTORATE
10 PROFESSIONAL TRAINING
11 GRADUATE—UNSPECIFIED
12 NON-DEGREE
13 INTENSIVE ENGLISH LANGUAGE (15 or more contact hrs/wk)

CODES FOR PRIMARY SOURCE OF FUNDS

1. PERSONAL AND FAMILY
2. U.S. SPONSOR
3. NON-U.S. SPONSOR

ICDC
Interassociational Committee on Data Collection
AACRAO • IIE • NAFSA

September 28, 1987

Dear Colleague:

Once again, IIE is requesting your cooperation in obtaining current information on foreign students enrolled in Intensive English Language Programs, by completing the enclosed form. The results of this survey are reported yearly in Open Doors. This publication is widely used by governmental agencies and national organizations, such as AACRAO and NAFSA, as well as campus officials in formulating policies and setting up service programs for foreign students.

We are grateful to all who responded to this survey last year. The new results will be reported in the 1986/87 edition of Open Doors, now in production.

Please complete the enclosed questionnaire and return it as soon as possible, **BUT NO LATER THAN NOVEMBER 13, 1987** to:

Research Division
Institute of International Education
809 United Nations Plaza
New York, NY 10017

If you have any questions regarding the survey, call the Research Division, IIE at (212) 984-5349.

Thank you for your continued cooperation.

Sincerely,

John F. Collins, Jr.
Richard M Krasno

John F. Collins, Jr.
President
American Association of
Collegiate Registrars and
Admissions Officers

Richard M. Krasno
President
Institute of
International Education

Josef Mestenhauser
President
National Association for
Foreign Student Affairs

ICDC

Interassociational Committee on Data Collection **AACRAO • IIE • NAFSA**

SURVEY OF INTENSIVE ENGLISH LANGUAGE PROGRAMS: FALL TERM 1987/88

The attached label should include the Title/Office, Reporting Official, the institution's name and address, and the reporting official's telephone number. Please make any necessary changes.

Title/Office

Reporting Official

Institution

City State Zip

(Telephone)

PLEASE REPORT ON THE NON-IMMIGRANT FOREIGN STUDENTS ENROLLED IN YOUR INTENSIVE ENGLISH LANGUAGE PROGRAM FOR AT LEAST 15 CONTACT HOURS PER WEEK IN PROGRAMS IN SESSION AS OF OCTOBER 15, 1987. DO NOT REPORT STUDENTS FROM GUAM, AMERICAN SAMOA, PUERTO RICO, OR THE US VIRGIN ISLANDS.

1. How many foreign students (nonimmigrants) were enrolled in your intensive English language program as of October 15, 1987? ☐☐☐☐ ☐ Check if estimated
2. The number of males/females is: ☐☐☐☐ Males ☐☐☐☐ Females
3. The number of students holding: ☐☐☐☐ F Visa ☐☐☐☐ J Visa ☐☐☐☐ M Visa ☐☐☐☐ Other Visa ☐☐☐☐ Refugee
4. If you are affiliated with a college or university, will this number be reported by that institution in the Annual Census of Foreign Students? ☐ Yes ☐ No (Check one)
5. If yes, how many Intensive English Language students will be included in the Annual Census by your affiliated college or university? ☐☐☐☐
6. Please list below the countries of citizenship of your intensive English language students:

COUNTRY	NO. OF STUDENTS	FOR IIE USE ONLY	COUNTRY	NO. OF STUDENTS	FOR IIE USE ONLY

PLEASE LIST ANY ADDITIONAL COUNTRIES ON THE REVERSE SIDE OF THIS PAGE

ANY QUESTIONS SHOULD BE DIRECTED TO: Research Division, IIE, (212) 984-5349

THIS FORM SHOULD BE RETURNED BY NOVEMBER 13, 1987 TO:

RESEARCH DIVISION
INSTITUTE OF INTERNATIONAL EDUCATION
809 United Nations Plaza
New York, NY 10017

A8. FOREIGN STUDENT ENROLLMENT IN INTENSIVE ENGLISH LANGUAGE PROGRAMS

ST	PROGRAM	CITY	F.S. 86/87	F.S. 87/88	% CHANGE	RESP 87/88	*
AL	ALABAMA/ELI, UNIV OF	UNIVERSITY	50	37	26.0-	Y	A
	GADSDEN ST JC/LANG INST	GADSDEN	60	69	15.0	Y	A
	SOUTH ALABAMA/ESL, U OF	MOBILE	58		100.0-	N	
	SPRING HILL COLL/ELI	MOBILE	40	45	12.5	Y	Y
	STATE TOTAL		208	151			
AK	ALASKA PACIFIC UNIV/ELI	ANCHORAGE	11	4	63.6-	Y	Y
	STATE TOTAL		11	4			
AZ	AMERICN GRAD SCH INTL MGT	GLENDALE	12	4	66.6-	Y	Y
	ARIZ STATE U/ALCP	TEMPE	145	161	11.0	Y	A
	ARIZ/CENTER ESL, UNIV OF	TUCSON	247	269	08.9	Y	Y
	COCHISE COLL	DOUGLAS	101	94	06.9-	Y	Y
	NORTHERN ARIZONA UNIV/ESL	FLAGSTAFF		10	\\\\\\\	Y	Y
	STATE TOTAL		505	538			
AR	ARKANSAS LITTLE ROCK, U	LITTLE ROCK	105	54	48.5-	Y	Y
	ARKANSAS STATE UNIV/ESL	STATE UNIV	14	10	28.5-	Y	Y
	ARKANSAS STATE UNIV/IEP	STATE UNIV			\\\\\\\	N	
	STATE TOTAL		119	64			
CA	ACAD OF WORLD STUDIES	SAN FRANCISCO	43	61	41.8	Y	A
	AMERICAN LANG PROGRAMS	CAMPBELL	24	31	29.1	Y	A
	AMERICAN LANGUAGE ACAD	BERKELEY	16	23	43.7	Y	A
	ARMSTRONG UNIV/AM ENG CTR	EL CERRITO	50		100.0-	N	
	AZUSA PACIFIC UNIV/ELI	AZUSA	24		100.0-	N	
	BERKELEY ADULT SCH	BERKELEY	193	190	01.5-	Y	A
	CAL BERKELEY, UNIV OF	BERKELEY	134	160	19.4	Y	A
	CAL BERKELEY/ELP, UNIV OF	SAN FRANCISCO		96	\\\\\\\	Y	A
	CAL DAVIS/ESL, UNIV OF	DAVIS	156	205	31.4	Y	A
	CAL EXTENSION/ESL, U OF	IRVINE	149	178	19.4	Y	A
	CAL LOS ANGELES/ESL, U OF	LOS ANGELES			\\\\\\\	N	
	CAL LUTHERAN COLL/ESL	THOUSAND OAKS	5	13	160.0	Y	Y
	CAL RIVERSIDE/IEP, U OF	RIVERSIDE	192		100.0-	N	
	CAL SANTA CRUZ, UNIV OF	SANTA CRUZ			\\\\\\\	Y	S
	CAL ST CHICO/ESL	CHICO	43	39	09.3-	Y	Y
	CAL ST FRESNO/AM ENG INST	FRESNO	82	69	15.8-	Y	A
	CAL ST HAYWARD/AM LAN PGM	HAYWARD	99	78	21.2-	Y	A
	CAL ST LONG BEACH/ESL	LONG BEACH	45		100.0-	Y	A

LEGEND: RESP. COLUMN: Y-RESPONDED TO SURVEY; N-NO RESPONSE. LAST COLUMN: A-ACTUAL NUMBER; E-ESTIMATED NUMBER; S-SUMMER SESSION ONLY; Y-ENROLLMENT INCLUDED WHOLLY OR PARTIALLY IN ANNUAL CENSUS (PART I).

ST	PROGRAM	CITY	F.S. 86/87	F.S. 87/88	% CHANGE	RESP 87/88	*
	CAL ST LOS ANGELES/ESL	LOS ANGELES	204	188	07.8-	Y	A
	CAL ST SAN BERNARDINO/ESL	SAN BERNARDINO	45	53	17.7	Y	A
	CAL ST STANISLAUS/ESL	TURLOCK	4		100.0-	Y	A
	CAL ST U NORTHRIDGE/ESL	NORTHRIDGE	204	259	26.9	Y	A
	CHAPMAN COLL/ELI	ORANGE	42	49	16.6	Y	Y
	COASTLINE CMTY COLL/ESL	WESTMINSTER	510		100.0-	N	
	COMPTON CMTY COLL/ESL	COMPTON			\\\\\\	N	
	DIVERSIFIED LANGUAGE INST	LOS ANGELES	62	59	04.8-	Y	A
	ELS LANG CTR/OAKLAND	OAKLAND	70	79	12.8	Y	A
	ELS LANG CTR/SAN DIEGO	SAN DIEGO	107	110	02.8	Y	A
	ELS LANG CTR/SAN FRAN	SAN FRANCISCO	78	98	25.6	Y	A
	ELS LANG CTR/SANTA MONICA	SANTA MONICA	164	153	06.7-	Y	A
	ENG CTR FOR INTL WOMEN	OAKLAND		23	\\\\\\	Y	A
	ENGLISH LANGUAGE, COLL OF	LOS ANGELES			\\\\\\	N	
	GOLDEN GATE LANGUAGE SCHS	CAMPBELL			\\\\\\	N	
	GOLDEN GATE UNIV/ESL	SAN FRANCISCO	20	26	30.0	Y	Y
	HUMBOLDT STATE UNIV/ILI	ARCATA	17		100.0-	N	
	INTL ENGLISH INST	FRESNO	142	126	11.2-	Y	A
	ISE-WEST	BELMONT	350	54	84.5-	Y	A
	LANGUAGE CTR OF PACIFIC	LAGUNA HILLS		145	\\\\\\	Y	E
	LANGUAGE INST FOR ENGLISH	SAN RAFAEL	53	48	09.4-	Y	A
	LINCOLN UNIV/ESL	SAN FRANCISCO		19	\\\\\\	Y	A
	MARIN/ESL, COLL OF	KENTFIELD	30	33	10.0	Y	A
	MARYMOUNT PALOS VERDES C	PALOS VERDES	39		100.0-	Y	A
	MONTEREY INST INTL STDIES	MONTEREY			\\\\\\	N	
	NEW COLL CALIFORNIA/ESLI	MILLBRAE	69	61	11.5-	Y	Y
	PACIFIC ENGLISH LANG INST	SAN LUIS OBISPO	21		100.0-	N	
	PACIFIC UNION COLL/ELP	ANGWIN			\\\\\\	N	
	PACIFIC, UNIV OF	STOCKTON	3		100.0-	Y	A
	PITZER COLL/PACE	CLAREMONT	28	40	42.8	Y	A
	SAN DIEGO STATE UNIV	SAN DIEGO	276	289	04.7	Y	A
	SAN FRANCISCO STATE U/ESL	SAN FRANCISCO	147	128	12.9-	Y	A
	SAN FRANCISCO/ESL, U OF	SAN FRANCISCO	65	70	07.6	Y	Y
	SAN JOSE STATE UNIV	SAN JOSE	79	95	20.2	Y	A
	SOUTHERN CALIFORNIA, U OF	LOS ANGELES	21		100.0-	N	
	ST MARY'S COLL/IEP	MORAGA	11	16	45.4	Y	Y
	UC SANTA BARBARA EXTEN	SANTA BARBARA	97	148	52.5	Y	A
	UCLA EXTENSN/AM LANG CTR	LOS ANGELES	143	136	04.8-	Y	Y
	UNITED STATES INTL U/ESL	SAN DIEGO	110	101	08.1-	Y	Y
	WEST COAST UNIV/ELI	LOS ANGELES			\\\\\\	N	
	WHITTIER COLL/ELP	WHITTIER	11		100.0-	Y	A
	WOODBURY UNIV/AELP	LOS ANGELES	54		100.0-	N	
	STATE TOTAL		4531	3749			
CO	AMERICAN LANGUAGE ACAD	PUEBLO	36	47	30.5	Y	A
	BRIDGE INTL SCH	DENVER	35		100.0-	N	
	COLORADO SCH OF MINES/ESL	GOLDEN	9		100.0-	N	
	COLORADO STATE UNIV/ESL	FORT COLLINS	59	79	33.8	Y	Y

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ST	PROGRAM	CITY	F.S. 86/87	F.S. 87/88	% CHANGE	RESP 87/88	*
	COLORADO/INT ENGL, U OF	BOULDER	72	79	09.7	Y	A
	DENVER/ENG LANG CTR, U OF	DENVER	55	45	18.1-	Y	A
	ECONOMICS INST	BOULDER	119	101	15.1-	Y	A
	ELS LANG CTR/DENVER	DENVER	70	69	01.4-	Y	A
	MORGAN CMTY COLL/EFL	FORT MORGAN	1		100.0-	N	
	SPRING INTL LANGUAGE CTR	LITTLETON	73	78	06.8	Y	A
	STATE TOTAL		529	498			
CT	ELS LANG CTR/BRIDGEPORT	BRIDGEPORT	82	80	02.4-	Y	A
	HARTFORD/ELI, UNIV OF	WEST HARTFORD	27		100.0-	N	
	MITCHELL COLL/ESL	NEW LONDON	5	12	140.0	Y	Y
	NEW HAVEN/ELI, UNIV OF	WEST HAVEN			\\\\\\\	N	
	QUINEBAUG VLY CMTY COLL	WILLIMANTIC		18	\\\\\\\	Y	Y
	STATE TOTAL		114	110			
DE	DELAWARE TECH & CC/ESL	WILMINGTON	28		100.0-	N	
	DELAWARE/ESL, UNIV OF	NEWARK	113	197	74.3	Y	Y
	STATE TOTAL		141	197			
DC	AMERICAN UNIV/ELI	WASHINGTON			\\\\\\\	N	
	CATHOLIC UNIV OF AMERICA	WASHINGTON	30	27	10.0-	Y	Y
	ELS LANG CTR/DC	WASHINGTON	45	74	64.4	Y	A
	GEORGE WASHINGTON U/EFL	WASHINGTON	125	108	13.6-	Y	Y
	GEORGETOWN U/AM LANG INST	WASHINGTON	58	63	08.6	Y	A
	GEORGETOWN U/ENG FOR LANG	WASHINGTON	124	141	13.7	Y	Y
	INTL CTR FOR LANG STUDIES	WASHINGTON	45		100.0-	N	
	SANZ SCH	WASHINGTON	164	160	02.4-	Y	E
	U S DEPT AGRIC GRAD SCH	WASHINGTON	17		100.0-	N	
	STATE TOTAL		608	573			
FL	AMERICAN LANG ACAD/TAMPA	TAMPA	25	21	16.0-	Y	A
	BARRY UNIV/ESL	MIAMI	38	35	07.8-	Y	A
	CHARRON WILLIAMS COLL/ESL	MIAMI			\\\\\\\	N	
	ELS LANG CTR/ST PETERSBRG	ST PETERSBURG	148	137	07.4-	Y	A
	FLORIDA INST TECHNOL/ESL	MELBOURNE	95	76	20.0-	Y	Y
	FLORIDA INTL UNIV/IEP	MIAMI	83	126	51.8	Y	A
	FLORIDA STATE UNIV/CIES	TALLAHASSEE	35	37	05.7	Y	A
	FLORIDA/ELI, UNIV OF	GAINESVILLE	66		100.0-	N	
	INTL TRAINING, SCH FOR	JACKSONVILLE	78	65	16.6-	Y	A

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ST	PROGRAM	CITY	F.S. 86/87	F.S. 87/88	% CHANGE	RESP 87/88	*
	LINDSEY HOPKINS ED CTR	MIAMI SPRINGS	121	107	11.5-	Y	A
	MIAMI-DADE CMTY COLL/ESL	MIAMI	873	964	10.4	Y	Y
	MIAMI/INT ENG PROG, U OF	CORAL GABLES	153	177	15.6	Y	A
	NOVA UNIV/ILP	FORT LAUDERDALE		110	\\\\\\	Y	Y
	SOUTH FLORIDA/ESL, U OF	TAMPA		98	\\\\\\	Y	A
	STATE TOTAL		1715	1953			
GA	BREWTON-PARKER COLL/ELI	MOUNT VERNON	10		100.0-	N	
	ELS LANG CTR/ATLANTA	ATLANTA	50	55	10.0	Y	A
	GEORGIA INST TECHNOL/EFL	ATLANTA	120	145	20.8	Y	A
	GEORGIA SOUTHERN COLL/ESL	STATESBORO		33	\\\\\\	Y	Y
	GEORGIA STATE UNIV/ESL	ATLANTA	305	65	78.6-	Y	Y
	GEORGIA/ALP, UNIV OF	ATHENS	69	67	02.8-	Y	Y
	MORRIS BROWN COLL/ESL	ATLANTA			\\\\\\	N	
	STATE TOTAL		554	365			
HI	BRIGHAM YOUNG UNIV/ELI	LAIE	228	257	12.7	Y	Y
	HAWAII LOA COLL/ESL	KANEOHE	5		100.0-	N	
	HAWAII MANOA/HELP, U OF	HONOLULU	121	119	01.6-	Y	A
	HAWAII PACIFIC COLL/ESL	HONOLULU	232	252	08.6	Y	Y
	KAUAI CMTY COLL/ELI	LIHUE	8	1	87.5-	Y	Y
	LEEWARD CMTY COLL/ELI	PEARL CITY			\\\\\\	N	
	STATE TOTAL		594	629			
ID	AMER LANG ACAD	POCATELLO			\\\\\\	N	
	LEWIS-CLARK UNIV/ESL	LEWISTON	26	43	65.3	Y	Y
	STATE TOTAL		26	43			
IL	AMERICAN LANGUAGE ACAD	LAKE FOREST		16	\\\\\\	Y	A
	ELS LANG CTR/CHICAGO	CHICAGO	75	79	05.3	Y	A
	ILL AT CHICAGO, UNIV OF	CHICAGO	98	94	04.0-	Y	Y
	ILL URBANA-CHAMPAIGN,U OF	URBANA	80		100.0-	N	
	KISHWAUKEE COLL/ESL	MALTA			\\\\\\	N	
	LOOP COLL/ESL	CHICAGO	596	559	06.2-	Y	A
	MACCORMAC JR COLL/ELI	CHICAGO	4	5	25.0	Y	Y
	MALLINCKRODT COLL/ESL	WILMETTE	11	8	27.2-	Y	Y
	ROCKFORD COLL/ELSC	ROCKFORD		15	\\\\\\	Y	Y
	ROOSEVELT UNIV/ELP	CHICAGO	42	46	09.5	Y	Y
	SOUTHERN ILLINOIS U/ESL	CARBONDALE	125	103	17.6-	Y	A

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	WESTERN ILLINOIS UNIV/ESL	MACOMB	84		100.0-	Y	A
	STATE TOTAL		1115	925			
IN	BALL STATE UNIV/ESL	MUNCIE		1	\\\\\\	Y	Y
	ELS LANG CTR/INDIANAPOLIS	INDIANAPOLIS	38	48	26.3	Y	A
	EVANSVILLE/ESL, UNIV OF	EVANSVILLE		47	\\\\\\	Y	Y
	INDIANA INST TECHNOL/ESL	FORT WAYNE	5		100.0-	N	
	INDIANA UNIV/ENG LANG PGM	BLOOMINGTON	55	64	16.3	Y	Y
	INTERLINK LANGUAGE CTR	TERRE HAUTE		13	\\\\\\	Y	A
	TRI-STATE U/ENG LANG CTR	ANGOLA	14		100.0-	N	
	VINCENNES UNIV/ESL	VINCENNES	18	25	38.8	Y	Y
	STATE TOTAL		130	198			
IA	CENTRAL COLL/ESL	PELLA			\\\\\\	Y	A
	CLARKE COLL/ESL	DUBUQUE		18	\\\\\\	Y	A
	COE COLL/ESL	CEDAR RAPIDS	16	13	18.7-	Y	Y
	CORNELL COLL/ESL	MOUNT VERNON		4	\\\\\\	Y	Y
	DIVINE WORD COLL/IELI	EPWORTH	6	4	33.3-	Y	A
	DRAKE UNIV/ESL	DES MOINES	16		100.0-	N	
	DUBUQUE/ESL, UNIV OF	DUBUQUE	25	45	80.0	Y	Y
	IOWA STATE UNIV/ESL	AMES	58	68	17.2	Y	Y
	IOWA/ESL, UNIV OF	IOWA CITY	24	33	37.5	Y	Y
	KIRKWOOD CMTY COLL/ESL	CEDAR RAPIDS	41	48	17.0	Y	Y
	NORTHERN IOWA, UNIV OF	CEDAR FALLS	40	25	37.5-	Y	Y
	STATE TOTAL		226	258			
KS	AMER LANG ACAD/ATCHISON	ATCHISON			\\\\\\	N	
	DONNELLY COLL/INT ENG CTR	KANSAS CITY	91	92	01.0	Y	Y
	EMPORIA STATE UNIV/IEP	EMPORIA	49		100.0-	N	
	KANSAS STATE UNIV/ESL	MANHATTAN	26	57	119.2	Y	Y
	KANSAS/ESL, UNIV OF	LAWRENCE	106	107	00.9	Y	Y
	OTTAWA UNIV/ELI	OTTAWA	10	10	00.0	Y	Y
	PITTSBURG STATE UNIV/ESL	PITTSBURG		38	\\\\\\	Y	Y
	WICHITA STATE UNIV/ESL	WICHITA	153	185	20.9	Y	Y
	STATE TOTAL		435	489			
KY	KENTUCKY/ESL, UNIV OF	LEXINGTON	78	45	42.3-	Y	A
	KY ENGLISH LANGUAGE INST	BOWLING GREEN			\\\\\\	N	
	LOUISVILLE/ESL, UNIV OF	LOUISVILLE	37	30	18.9-	Y	Y

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ST	PROGRAM	CITY	F.S. 86/87	F.S. 87/88	% CHANGE	RESP 37/88	*
	STATE TOTAL		115	75			
LA	DELGADO COLL/ESL	NEW ORLEANS	300		100.0-	N	
	LOUISIANA STATE UNIV/ESL	BATON ROUGE	156	224	43.5	Y	A
	LOUISIANA TECH UNIV/ESL	RUSTON	41	35	14.6-	Y	Y
	LOYOLA UNIV/ESL	NEW ORLEANS	35	22	37.1-	Y	A
	NEW ORLEANS/ESL, UNIV OF	NEW ORLEANS			\\\\\\	N	
	NTHWSTN STATE UNIV/ILOP	NATCHITOCHES			\\\\\\	N	
	PHILLIPS JR COLL/ESL	NEW ORLEANS			\\\\\\	N	
	TULANE UNIV/TESL INST	NEW ORLEANS	216	184	14.8-	Y	A
	STATE TOTAL		748	465			
ME	HUSSON COLL/ICLS	BANGOR	14	32	128.5	Y	A
	STATE TOTAL		14	32			
MD	MARYLAND/ESL, UNIV OF	COLLEGE PARK	40	35	12.5-	Y	A
	MONTGOMERY COLL	ROCKVILLE	1099	161	85.3-	Y	Y
	NOTRE DAME/ESL, COLL OF	BALTIMORE	26	19	26.9-	Y	A
	STATE TOTAL		1165	215			
MA	AM LANG ACAD/BABSON PARK	BABSON PARK		87	\\\\\\	Y	A
	AM LANG ACAD/SOUTHBOROUGH	SOUTHBOROUGH	17	13	23.5-	Y	A
	BOSTON SCH MODERN LANG	BOSTON			\\\\\\	N	
	BOSTON UNIV/ESL	BOSTON	334	375	12.2	Y	Y
	BRADFORD COLL/ESL	BRADFORD	21	22	04.7	Y	Y
	CENTRAL NEW ENGLAND C/ELI	WORCESTER		11	\\\\\\	Y	Y
	CHAMBERLAYNE JR COLL/ESL	BOSTON	19	22	15.7	Y	Y
	ELS LANG CTR/BOSTON	BOSTON	150	172	14.6	Y	A
	HARVARD UNIV/ESL	CAMBRIDGE		411	\\\\\\	Y	A
	INTL LANGUAGE INST INC	NORTHAMPTON	11	9	18.1-	Y	A
	MASS AMHERST/ESL, UNIV OF	AMHERST			\\\\\\	N	
	NEWBURY JR COLL/ESL	BOSTON			\\\\\\	N	
	NEWMAN PREPARATORY SCH	BOSTON	21	30	42.8	Y	A
	NORTH SHORE CMTY COLL/ESL	BEVERLY	36	35	02.7-	Y	A
	NORTHEASTERN UNIV/ESL	BOSTON	177	153	13.5-	Y	Y
	NORTHERN ESSEX CMTY COLL	HAVERHILL	5		100.0-	N	
	PINE MANOR COLL	CHESTNUT HILL	17	21	23.5	Y	Y
	STATE TOTAL		808	1361			
MI	DETROIT/IEP, UNIV OF	DETROIT			\\\\\\	N	

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	EASTERN MICHIGAN UNIV/ESL	YPSILANTI	93	75	19.3-	Y	Y
	FERRIS STATE COLL/ESL	BIG RAPIDS	41	60	46.3	Y	Y
	MICHIGAN LANGUAGE CENTER	ANN ARBOR	42	66	57.1	Y	A
	MICHIGAN STATE UNIV/ESL	EAST LANSING	44	37	15.9-	Y	Y
	MICHIGAN, UNIV OF	ANN ARBOR	61		100.0-	Y	S
	WAYNE STATE UNIV/ELI	DETROIT	66	93	40.9	Y	Y
	WESTERN MICHIGAN UNIV/ESL	KALAMAZOO	62	65	04.8	Y	A
	STATE TOTAL		409	396			
MN	ELS LANG CTR/ST PAUL	SAINT PAUL	72	64	11.1-	Y	A
	MACALESTER COLL/ESL	SAINT PAUL	15		100.0-	N	
	MINNESOTA TWIN CITIES, U	MINNEAPOLIS	145	150	03.4	Y	Y
	STATE TOTAL		232	214			
MS	MISSISSIPI/ESL, UNIV OF	UNIVERSITY	24	26	08.3	Y	Y
	STHN MISSISSIPPI/ESL, U	HATTIESBURG	84	96	14.2	Y	Y
	WOOD JR COLL/ESL	MATHISTON	11		100.0-	N	
	STATE TOTAL		119	122			
MO	LINDENWOOD COLL/ESL	SAINT CHARLES			\\\\\\	Y	A
	MARYVILLE COLL/ESL	SAINT LOUIS	30		100.0-	N	
	MISSOURI COLUMBIA/EFL, U	COLUMBIA	50	50	00.0	Y	Y
	ST LOUIS UNIV	SAINT LOUIS	73	76	04.1	Y	Y
	WASHINGTON UNIV/ESL	SAINT LOUIS		2	\\\\\\	Y	Y
	WEBSTER UNIV/ESL	SAINT LOUIS	31	23	25.8-	Y	Y
	STATE TOTAL		184	151			
NE	CREIGHTON UNIV/ESL	OMAHA	17	18	05.8	Y	A
	DOANE COLL/ESL	CRETE	18	28	55.5	Y	Y
	NEBRASKA LINCOLN, UNIV OF	LINCOLN	64	14	78.1-	Y	A
	NEBRASKA OMAHA/ILP, U	OMAHA	42	64	52.3	Y	A
	STATE TOTAL		141	124			
NV	CLARK CO CMTY COLL/ESL	LAS VEGAS	5	301	920.0	Y	Y
	NEVADA RENO, UNIV OF	RENO	16	16	00.0	Y	A

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	STATE TOTAL		21	317			
NH	NEW HAMPSHIRE COLL/ESL	MANCHESTER	43	21	51.1-	Y	Y
	NEW HAMPSHIRE/ELP, U OF	DURHAM	110		100.0-	Y	A
	STATE TOTAL		153	21			
NJ	BURLINGTON CO COLL/IESL	PEMBERTON	12	3	75.0-	Y	Y
	CALDWELL COLL/AELSP	CALDWELL	5		100.0-	N	
	GLASSBORO ST COLL CAMDEN	CAMDEN		12	\\\\\\	Y	A
	LANGUAGE INST FOR ENGLISH	RUTHERFORD	215	203	05.5-	Y	A
	RUTGERS UNIV/ELP	NEW BRUNSWICK	175	86	50.8-	Y	A
	STATE TOTAL		407	304			
NM	NEW MEXICO MILITARY INST	ROSWELL	15	25	66.6	Y	Y
	NEW MEXICO STATE UNIV/ESL	LAS CRUCES	10	7	30.0-	Y	Y
	NEW MEXICO/ESL, UNIV OF	ALBUQUERQUE	20	40	100.0	Y	Y
	STATE TOTAL		45	72			
NY	COLUMBIA UNIV/A L P	NEW YORK	199	253	27.1	Y	E
	CONCORDIA COLL/ESL	BRONXVILLE	19	34	78.9	Y	Y
	CORNELL UNIV/ESL	ITHACA	44	66	50.0	Y	A
	CTR FOR ENGLISH STUDIES	NEW YORK	62	198	219.3	Y	A
	CUNY COLL STATEN IS/ELI	STATEN ISLAND	27	54	100.0	Y	Y
	CUNY HUNTER COLL/IELI	NEW YORK	773	915	18.3	Y	A
	CUNY LAGUARDIA CC/IEP	LONG IS CITY	260	289	11.1	Y	A
	CUNY QUEENS COLL/ELI	FLUSHING	291	375	28.8	Y	A
	ELMIRA COLL/ESL	ELMIRA		24	\\\\\\	Y	Y
	ELS LANG CTR/NEW YORK	NEW YORK	52	55	05.7	Y	A
	FULTON-MONTGOMERY CC/ESL	JOHNSTOWN		4	\\\\\\	Y	Y
	HAGGERTY INSTITUTE	NEW PALTZ	58	63	08.6	Y	Y
	HOFSTRA UNIV/ESL	HEMPSTEAD	67	60	10.4-	Y	Y
	LANGUAGE INST FOR ENGLISH	GREENVALE	83	73	12.0-	Y	A
	LONG IS U-BKLYN CTR/ELI	BROOKLYN			\\\\\\	N	
	MANHATTANVILLE COLL/ESL	PURCHASE	75		100.0-	N	
	MONROE CMTY COLL/ESL	ROCHESTER	6	5	16.6-	Y	A
	NEW YORK INST TECHNOL/ESL	NEW YORK	8		100.0-	Y	A
	NEW YORK U/AM LANG INST	NEW YORK	144	855	493.7	Y	A
	PACE UNIV/ESL	NEW YORK			\\\\\\	N	
	POLYTECHNIC INST NY/ESL	BROOKLYN			\\\\\\	Y	A
	ROCHESTER INST TECH/ESOL	ROCHESTER	26	20	23.0-	Y	Y
	ROCHESTER/ESL, UNIV OF	ROCHESTER	50		100.0-	N	
	ROCKLAND CMTY COLL/ESL	SUFFERN	244		100.0-	N	

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	SUNY AT ALBANY/IEP	ALBANY		49	\\\\\\	Y	A
	SUNY AT BUFFALO/IELI	BUFFALO	154	113	26.6-	Y	Y
	SUNY AT STONY BROOK/ESL	STONY BROOK			\\\\\\	Y	A
	SUNY COLL FARMINGDALE/ESL	FARMINGDALE	35	19	45.7-	Y	A
	SYRACUSE UNIV/ELI	SYRACUSE	44	37	15.9-	Y	A
	STATE TOTAL		2721	3561			
NC	CENTRAL PIEDMNT CMTY COLL	CHARLOTTE	304	431	41.7	Y	Y
	INTERLINK LANGUAGE CTRS	GREENSBORO	67	51	23.8-	Y	E
	NC CHARLOTTE/ESL, UNIV OF	CHARLOTTE	60	57	05.0-	Y	Y
	NC STATE UNIV/ESL	RALEIGH	17	11	35.2-	Y	A
	SACRED HEART COLL/ELI	BELMONT	18		100.0-	Y	C
	STATE TOTAL		465	550			
OH	AKRON/ELI, UNIV OF	AKRON	58	67	15.5	Y	Y
	AMERICAN LANG ACAD/BEREA	BEREA	29	19	34.4-	Y	A
	ASHLAND COLL/ESL	ASHLAND	42	33	21.4-	Y	Y
	CUYAHOGA CMTY C METRO/ESL	CLEVELAND	11		100.0-	N	
	DEFIANCE COLL	DEFIANCE	7		100.0-	Y	A
	ELMI	DAYTON		40	\\\\\\	Y	E
	ELS LANG CTR/CLEVELAND	CLEVELAND	63	55	12.6-	Y	A
	FINDLAY COLL/ESL	FINDLAY	47	40	14.8-	Y	Y
	HEIDELBERG COLL	TIFFIN	3	6	100.0	Y	Y
	MT ST JOSEPH/ESL, COLL OF	MOUNT ST JOSEPH	17	18	05.8	Y	Y
	OHIO DOMINICAN COLL/ESL	COLUMBUS	14	13	07.1-	Y	Y
	OHIO STATE UNIV/ESL	COLUMBUS	41	55	34.1	Y	Y
	OHIO UNIV/ESL	ATHENS	187	155	17.1-	Y	Y
	OHIO WESLEYAN UNIV	DELAWARE	14		100.0-	Y	C
	OTTERBEIN COLL/ESL	WESTERVILLE	24	26	08.3	Y	Y
	TOLEDO/ALI, UNIV OF	TOLEDO	182	194	06.5	Y	A
	XAVIER UNIV/ESL	CINCINNATI	24	26	08.3	Y	Y
	YOUNGSTOWN STATE UNIV/ESL	YOUNGSTOWN	24		100.0-	Y	A
	STATE TOTAL		787	747			
OK	ELS LANG CTR/NORMAN	NORMAN		68	\\\\\\	Y	A
	ELS LANG CTR/OKLA CITY	OKLAHOMA CITY	55	57	03.6	Y	A
	OKLAHOMA STATE UNIV/ELI	STILLWATER	80	68	15.0-	Y	A
	PHILLIPS UNIV/ELP	ENID	9	7	22.2-	Y	Y
	SPARTAN SCH AERONAUTICS	TULSA	5	2	60.0-	Y	A
	STHESTN OKLAHOMA ST U/ESL	DURANT			\\\\\\	N	
	TULSA/ENGL INST, UNIV OF	TULSA	65	76	16.9	Y	A

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ST	PROGRAM	CITY	F.S. 86/87	F.S. 87/88	% CHANGE	RESP 87/88	*
	STATE TOTAL		214	278			
OR	AMERICN LANG ACAD/ASHLAND	ASHLAND	32		100.0-	N	
	CONCORDIA COLL	PORTLAND	37		100.0-	N	
	LEWIS & CLARK COLL/ESL	PORTLAND	77	87	12.9	Y	A
	LINFIELD COLL/ESL	MCMINNVILLE	29		100.0-	N	
	OREGON STATE UNIV/ELI	CORVALLIS	149	133	10.7-	Y	Y
	OREGON/ESL, UNIV OF	EUGENE	130	150	15.3	Y	A
	PACIFIC UNIV/ESL	FOREST GROVE	24		100.0-	N	
	PORTLAND STATE UNIV/ESL	PORTLAND	112	108	03.5-	Y	Y
	WARNER PACIFIC COLL/ESL	PORTLAND			\\\\\\	N	
	STATE TOTAL		590	478			
PA	AM LANG ACAD/GLENSIDE	GLENSIDE	44		100.0-	N	
	DREXEL UNIV/ESL	PHILADELPHIA	35		100.0-	Y	A
	EDINBORO UNIV OF PA	EDINBORO		15	\\\\\\	Y	Y
	ELS LANG CTR/PHILADELPHIA	PHILADELPHIA	56	80	42.8	Y	A
	GWYNEDD-MERCY COLL/ESL	GWYNEDD VALLEY		9	\\\\\\	Y	Y
	IMMACULATA COLL/ESL	IMMACULATA	10	19	90.0	Y	Y
	INDIANA UNIV OF PA/ESL	INDIANA	9	24	166.6	Y	Y
	KING'S COLL/ESL	WILKES-BARRE			\\\\\\	N	
	PENNSYLVANIA STATE U/ESL	UNIVERSITY PARK	53		100.0-	N	
	PENNSYLVANIA, UNIV OF	PHILADELPHIA	63	85	34.9	Y	Y
	PITTSBURGH/ELI, UNIV OF	PITTSBURGH		42	\\\\\\	Y	Y
	POINT PARK COLL/ESL	PITTSBURGH	52	37	28.8-	Y	Y
	TEMPLE UNIV/IELP	PHILADELPHIA	81	79	02.4-	Y	A
	STATE TOTAL		403	390			
RI	JOHNSON & WALES COLL/ESL	PROVIDENCE	18	35	94.4	Y	A
	ROGER WILLIAMS COLL	BRISTOL			\\\\\\	N	
	STATE TOTAL		18	35			
SC	ANDERSON COLL/ESL	ANDERSON			\\\\\\	Y	A
	SOUTH CAROLINA, UNIV OF	COLUMBIA	76	93	22.3	Y	A
	STATE TOTAL		76	93			
SD	MIDWEST INST INTL STUDIES	SIOUX FALLS	37	28	24.3-	Y	Y

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ST	PROGRAM	CITY	F.S. 86/87	F.S. 87/88	% CHANGE	RESP 87/88	*
	STATE TOTAL		37	28			
TN	INTL ENGLISH INST	NASHVILLE	44	42	04.5-	Y	A
	KING COLL/ESL	BRISTOL	16	16	00.0	Y	Y
	LINCOLN MEMORIAL UNIV/ESL	HARROGATE			\\\\\\\	N	
	MARYVILLE COLL/ESL	MARYVILLE	11	21	90.9	Y	Y
	MEMPHIS STATE UNIV/ESL	MEMPHIS	37	41	10.8	Y	Y
	TENNESSEE KNOXVL/ESL, U	KNOXVILLE	47	65	38.2	Y	A
	TENNESSEE MARTIN/ESL, U	MARTIN	96	121	26.0	Y	Y
	VANDERBILT UNIV/ESL	NASHVILLE		56	\\\\\\\	Y	Y
	STATE TOTAL		251	362			
TX	AMARILLO COLL/ESL	AMARILLO	120	91	24.1-	Y	Y
	EL PASO CMTY COLL/IEP	EL PASO	35	80	128.5	Y	Y
	ELS LANG CTR/HOUSTON	HOUSTON	50	55	10.0	Y	A
	ENGLISH LANGUAGE, CTR OF	DALLAS		42	\\\\\\\	Y	A
	HOUSTON DOWNTOWN/ESL, U	HOUSTON	42	42	00.0	Y	A
	HOUSTON, UNIV OF	HOUSTON	126	94	25.3-	Y	Y
	HOWARD COLL/ESL	BIG SPRING			\\\\\\\	N	
	INCARNATE WORD COLL/ESL	SAN ANTONIO			\\\\\\\	N	
	MARY HARDIN-BAYLOR/ESL, U	BELTON	10		100.0-	N	
	NORTH TEXAS STATE UNIV	DENTON	146	103	29.4-	Y	Y
	OUR LADY OF THE LAKE UNIV	SAN ANTONIO	28	19	32.1-	Y	Y
	PAN AMERICAN UNIV/ELI	EDINBURG	61	55	09.8-	Y	Y
	RICE UNIV/ESL	HOUSTON	77	44	42.8-	Y	A
	SAM HOUSTON STATE U/ESL	HUNTSVILLE	15	7	53.3-	Y	A
	STHWSTN ADVENTIST C/ESL	KEENE		8	\\\\\\\	Y	Y
	TEXAS A & I UNIV/ESL	KINGSVILLE		10	\\\\\\\	Y	A
	TEXAS A & M UNIV/ELI	COLLEGE STATION			\\\\\\\	N	
	TEXAS ARLINGTON/ESL, U OF	ARLINGTON	53	43	18.8-	Y	A
	TEXAS AUSTIN/ESL, U OF	AUSTIN	234	227	02.9-	Y	E
	TEXAS EL PASO/ESL U OF	EL PASO	33	36	09.0	Y	Y
	TEXAS TECH UNIV/ESOL	LUBBOCK	33	33	00.0	Y	A
	TEXAS WESLEYAN COLL	FORT WORTH	46	39	15.2-	Y	A
	TRINITY VALLEY CMTY COLL	ATHENS	7	16	128.5	Y	A
	STATE TOTAL		1116	1044			
UT	BRIGHAM YOUNG UNIV/ESL	PROVO	112	124	10.7	Y	A
	SNOW COLL/ESL	EPHRAIM	34	47	38.2	Y	Y
	UTAH STATE UNIV/IELI	LOGAN	83	117	40.9	Y	Y
	UTAH, UNIV OF	SALT LAKE CITY		54	\\\\\\\	Y	Y
	WEBER STATE COLL/ESL	OGDEN	23	38	65.2	Y	Y
	WESTMINSTER COLL/ELSC	SALT LAKE CITY	59	32	45.7-	Y	E
	WSTN AMERICAN LANG INST	SALT LAKE CITY	7	10	42.8	Y	A

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ST	PROGRAM	CITY	F.S. 86/87	F.S. 87/88	% CHANGE	RESP 87/88	*
	STATE TOTAL		318	422			
VT	INTL TRAINING, SCH FOR	BRATTLEBORO	399	56	85.9-	Y	Y
	ST MICHAEL'S COLL	WINOOSKI	83	72	13.2-	Y	A
	STATE TOTAL		482	128			
VA	GEORGE MASON UNIV/ELI	FAIRFAX	79	74	06.3-	Y	Y
	MARYMOUNT COLL VIRGINIA	ARLINGTON	34	24	29.4-	Y	Y
	NTHN VIRGINIA CMTY C/ESL	ANNANDALE			\\\\\\	N	
	OLD DOMINION UNIV/ESL	NORFOLK	33	43	30.3	Y	Y
	STATE TOTAL		146	141			
WA	BELLEVUE CMTY COLL/ESL	BELLEVUE		77	\\\\\\	Y	A
	CENTRAL WASHINGTON U/ESL	ELLENSBURG	24	30	25.0	Y	Y
	CITY UNIV	BELLEVUE	15	23	53.3	Y	Y
	EASTERN WASHINGTON U/ESL	CHENEY	33	39	18.1	Y	Y
	EDMONDS CMTY COLL	LYNNWOOD			\\\\\\	N	
	ELS LANG CTR/SEATTLE	SEATTLE	111	108	02.7-	Y	A
	GONZAGA UNIV/ESL	SPOKANE	30	27	10.0-	Y	Y
	HERITAGE COLL/ESL	TOPPENISH			\\\\\\	N	
	PACIFIC AMERICAN INST	OLYMPIA	21	25	19.0	Y	A
	PACIFIC LUTHERAN UNIV	TACOMA	57	67	17.5	Y	A
	SEATTLE CENTRAL CMTY COLL	SEATTLE			\\\\\\	Y	A
	SEATTLE PACIFIC UNIV/IELI	SEATTLE	56	55	01.7-	Y	A
	SHORELINE CMTY COLL/ESL	SEATTLE	5		100.0-	N	
	SKAGIT VALLEY COLL/ESL	MOUNT VERNON			\\\\\\	N	
	ST MARTIN'S COLL/ESL	OLYMPIA		52	\\\\\\	Y	A
	WASHINGTON ACAD LANGUAGES	SEATTLE	59	66	11.8	Y	A
	WASHINGTON EXTEN, UNIV OF	SEATTLE	208	239	14.9	Y	A
	WASHINGTON STATE UNIV/ESL	PULLMAN	50	35	30.0-	Y	A
	WESTERN WASHINGTON UNIV	BELLINGHAM	10	11	10.0	Y	Y
	WHITWORTH COLL	SPOKANE	11	10	09.0-	Y	Y
	STATE TOTAL		690	864			
WV	WEST VIRGINIA UNIV/ESL	MORGANTOWN	32		100.0-	N	
	WHEELING COLL/ESL	WHEELING	12	23	91.6	Y	Y
	STATE TOTAL		44	23			
WI	MILWAUKEE AREA TECH COLL	MILWAUKEE	340	19	94.4-	Y	A

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	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE	8	5	37.5-	Y	Y
	WISCONSIN ESL INST WESLI	MADISON	115	59	48.6-	Y	A
	WISCONSIN MADISON, U OF	MADISON	11	16	45.4	Y	Y
	WISCONSIN MILWAUKEE, U OF	MILWAUKEE	89	109	22.4	Y	A
	STATE TOTAL		563	208			
			25044	23965			

NUMBER OF RECORDS SELECTED FOR THE REPORT = 392

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